UNITED STATES MARINE CORPS
MARINE CORPS COMBAT DEVELOPMENT COMMAND
WASHINGTON, DC 22134-5001

MCO 1510.66B
C 461
26 OCT 98

MARINE CORPS ORDER 1510.66B

From: Commandant of the Marine Corps
To: Distribution List

Subj: INDIVIDUAL TRAINING STANDARDS (ITS) SYSTEM FOR OCCUPATIONAL FIELD 21 ORDNANCE, VOLUME 2 - MILITARY OCCUPATIONAL SPECIALTY 2171, ELECTRO-OPTICAL ORDNANCE REPAIRER

Ref: (a) MCO 1553.1B
(b) MCO 1553.2
(c) MCO 1553.3

Encl: (1) Description of an Individual Training Standard
(2) Management of Individual Training Standards
(3) Summary/Index of Individual Training Standards
(4) Common Individual Training Standards
(5) Training Support
(6) Individual Training Standards

1. Purpose. To publish revised Individual Training Standards (ITS) at enclosures (1) through (6) for Occupational Field (OccFld) 21 Ordnance, Military Occupational Specialty (MOS) 2171, Electro-Optical Ordnance Repairer.

2. Cancellation. MCO 1510.66A

3. Background

a. The references establish the system used to publish all training standards, provide policy, and assign training responsibilities, especially as applied to the Systems Approach to Training (SAT).

b. ITSs establish the training requirements for all Marines in the same occupational field, MOS, or billet. They provide a foundation upon which unit commanders and school directors build training packages for individual Marines as part of unit training plans or formal courses of instruction.

c. ITSs represent the skills that contribute to the unit mission as expressed in the Mission Performance Standards. Changes to doctrine or force structure or the introduction of new weapons or equipment may necessitate revision of this Order.

4. Summary of Revision. Extensive changes have been made to this Order and it should be reviewed in its entirety. Appendix B to Enclosure (5) lists current Marine Corps Institute (MCI) courses with associated tasks, and Appendix D to Enclosure (5) lists references with associated tasks. Enclosure (6) contains information on initial training setting, MCI products, and training materiel.

5. Information. ITSs are used by unit commanders and school directors to design, develop, conduct, and evaluate the individual training of Marines. Unit commanders are responsible for the sustainment of all individual tasks that have been deemed, through analysis, to support the unit's Mission Essential Task List (METL). Unit commanders can, therefore, use the tasks contained in this Order as the basis of individual training through Managed On-the-Job Training (MOJT), instruction in unit level schools, or incorporation in their training plans. School directors will derive Terminal Learning Objectives (TLO) and Enabling Learning Objectives (ELO) from the tasks, conditions, standards, and performance steps of each associated ITS. Task lists

reported by formal schools on Course Descriptive Data (CDD) submissions will consist of tasks contained in this Order that are designated for formal school training.

6. Action

a. Commanding General, Marine Corps Combat Development Command (CG MCCDC)

(1) Ensure that all schools use this Order to train personnel to the standards required by grade and MOS.

(2) Ensure that the Marine Corps Institute (MCI) and the Training and Audiovisual Support Centers (TAVSC) provide standardized job aids and other training support requirements to facilitate training in units.

(3) Review, revise, and manage the upkeep of this Order in coordination with Operating Force and Supporting Establishment commanders and MOS/OccFld advocates.

(4) Ensure the Combat Development Process identifies the impact on training, by MOS and ITS, of all new equipment.

(5) Ensure coordination with the Commander, Marine Corps Systems Command (COMMARCORSYSCOM) to integrate the acquisition of new equipment into formal school training per the published ITSs.

b. Commanding Generals of the Marine Forces and Supporting Establishment Commands and Commanders of Separate Organizations not Commanded by a General Officer

(1) Use this Order as the basis for individual training.

(2) Conduct MOJT programs and/or instruction in unit level schools to satisfy initial, sustainment, and refresher training requirements in so far as the tasks support unit mission requirements.

7. Submission of Recommendations and Requirements. Recommendations concerning the content of this Order are invited. Submit recommendations for additions, deletions, or modifications to CG MCCDC (C461) via the chain of command.

8. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.

T. S. JONES
By direction

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DESCRIPTION OF AN INDIVIDUAL TRAINING STANDARD

1. ITS Designator. Each ITS has a unique three-part identifier that represents the specific task, the duty area under which that task is included, and the MOS (or billet) with which it is associated. Each part is separated by periods. An example of an ITS Designator is 2171.02.08.

a. The first four positions ("2171" in the example above) represent the MOS or billet. For any ITS associated with an official MOS, the four digits must be identical to those assigned to the MOS in MCO P1200.7 (MOS Manual).

b. The middle two positions ("02" in the example above) represent the duty or functional area. Duty areas within a given MOS are assigned consecutive ascending Arabic numerals. Duty areas 1 through 9 are always preceded by a leading zero to allow for proper sorting. In the example above, "02" represents the second duty area under MOS 2171.

c. The last two positions ("08" in the example above) represent a specific task. Tasks within a specific duty or functional area are assigned consecutive ascending Arabic numerals. Tasks 1 through 9 are always preceded by a leading zero to allow for proper sorting. In the example above, "08" represents the eighth task within the second duty area under MOS 2171.

2. ITS Components. There are six basic components of an ITS, five of which are mandatory:

a. Task. The task describes a specific and necessary behavior expected of a Marine in a particular MOS or job. It is a clearly stated, performance-oriented action requiring a learned skill.

b. Condition(s). This portion of the ITS describes the equipment, manuals, assistance/supervision, special physical demands, environmental conditions, and location affecting a Marine's performance of the task under real-world circumstances.

c. Standard(s). This portion of the ITS describes the level of proficiency to which the individual must perform the task.

d. Performance Steps. Collectively, the performance steps represent the logical sequence of actions required of the Marine to perform the task to standard. These actions are typically detailed in the references.

e. References. References are doctrinal publications, technical manuals, and other publications upon which the ITS and its performance steps are based. They should be readily available and provide detail to the procedures that are only summarized in the performance steps.

f. Administrative Instructions (Optional). Administrative instructions provide the trainer/instructor with special required or recommended circumstances, including safety precautions, relating to the training or execution of the task. These instructions may also clarify the meaning of the task.

3. ITS Training

a. Initial Training Setting. All ITSs are assigned an Initial Training Setting

that includes a specific location for initial instruction (Formal School or MOJT), level of training required at that location (Standard or Preliminary), a sustainment factor (number of months between evaluation or retraining to maintain the proficiency required by the standard), and a "Required By" rank (the lowest rank at which task proficiency is required).

b. Training Materiel (Optional). Training materiel includes all training devices, simulators, aids, equipment, and materials (except ammunition and Marine Corps Institute (MCI) publications) required or recommended to properly train the task under the specified conditions and to the specified standard.

c. Ammunition (Optional). This section includes any ammunition, explosives, and/or pyrotechnics required for proper training of the ITS.

d. Current MCI(s) (Optional). This section includes a list of any currently available MCI publications designed to provide training related to this task.

MANAGEMENT OF INDIVIDUAL TRAINING STANDARDS

1. ITS Use

a. ITSs form the basis for all individual training in formal schools and units. They are written for all MOSs in order to specify the critical skills required by units of their individual Marines in support of the unit's combat missions as defined in the unit's Mission Essential Task List (METL).

b. Formal school directors are responsible for reviewing all ITSs marked for initial training at the formal school. They must conduct courses of instruction on those ITSs appropriate for their student populations in terms of grade or rank. The task portion of each ITS taught in a given course must appear in the Task List (Item 24) of the CDD for that course. In accordance with SAT, a Program of Instruction (POI) must also be developed for the course.

c. ITSs provide measures of performance that can be used by unit commanders to diagnose individual deficiencies and design training. Noted deficiencies should be scheduled for remediation on training plans or through MOJT, as appropriate.

d. A Marine should continue to receive instruction on ITSs that support his unit's METL. Individual training cannot cease upon graduation from a formal school because formal schools cannot prepare every Marine to serve in every billet. Individuals should be given opportunities in the unit to gain experience and responsibility as quickly as possible.

2. ITS Maintenance

a. A relationship exists between ITSs and the threat to Marine forces. Changes in the threat often trigger corresponding changes in our weapons, equipment, or doctrine, which then necessitate producing new or updated training standards. Such action requires a team effort on the part of the operating forces, the formal schools, and staff agencies at both Headquarters, U.S. Marine Corps and the Marine Corps Combat Development Command (MCCDC).

b. ITSs are ultimately validated by unit commanders and school directors. Records of Proceedings (ROP) resulting from Course Content Review Boards (CCRB) conducted by formal schools are particularly well suited for recommending revisions. The ROP should contain a justification for each proposed addition, deletion, or change and should accompany any request to obtain authority to depart from the currently published ITSs. Unit commanders can recommend changes through participation in a school's CCRB or directly via the chain of command. Unless significant changes warrant earlier action, ITS orders are revised and republished on a 4-year cycle.

c. ITS management is a dynamic process involving user maintenance as the key to refining standards to best serve unit missions. ITS users should evaluate whether ITSs support or fail to support an MOS, and ITS components should be examined for realism and pertinence. Users are encouraged to submit recommended changes to published ITSs through the chain of command.

SUMMARY/INDEX OF INDIVIDUAL TRAINING STANDARDS

1. General. This enclosure is a summary listing of all ITS tasks grouped by MOS and Duty Area.

2. Format. The columns are as follows:

a. SEQ. Sequence Number. This number dictates the order in which tasks for a given duty area are displayed.

b. TASK. ITS Designator. This is the permanent designator assigned to the task when it is created.

c. TITLE. ITS Task Title.

d. FS. Formal School. A mark appears in this column when the Formal School is designated as the initial training setting. An "S" indicates the task is taught to "standard" at the formal school. A "P" indicates that the formal school provides only "preliminary" instruction and it is up to the unit to provide follow-on MOJT instruction to teach the task to standard.

e. MOJT. Managed On-The-Job Training. An "S" appears in this column when MOJT is designated as the initial training setting. Instruction is always to "standard."

f. MCI. Current MCI Publication(s). An "X" in this column indicates that at least one MCI publication addresses this task. Consult enclosure (6) for details.

g. SUS. Sustainment Training Period. An entry in this column represents the number of months within which the unit is expected to train or retrain this task to standard provided the task supports the unit's METL.

h. REQ BY. Required By. An entry in this column depicts the lowest rank required to demonstrate proficiency in this task.

i. PAGE. Page Number. This column lists the number of the page in enclosure (6) that contains detailed information concerning this task.

SEQ	TASK	TITLE	FS	MOJT	MCI	SUS	REQ BY	PAGE
		MOS 2171, ELECTRO-OPTICAL ORDNANCE REPAIRER						
		DUTY AREA 01 - BASIC KNOWLEDGE AND SKILLS						
1)	2171.01.01	FOLLOW BASIC MAINTENANCE PROCEDURES	P			6	LCpl	6-A-1
2)	2171.01.02	ANALYZE ELECTRONIC DEVICES/ COMPONENTS	S		X	6	LCpl	6-A-2
3)	2171.01.03	ANALYZE ELECTRONIC CIRCUITS/ COMPONENTS	S			6	LCpl	6-A-2
4)	2171.01.04	FOLLOW BASIC MAINTENANCE MANAGEMENT/ADMINISTRATIVE PROCEDURES	P		X	6	LCpl	6-A-3
		DUTY AREA 02 - MAINTAIN ELECTRO-OPTICAL ORDNANCE EQUIPMENT						
1)	2171.02.01	MAINTAIN SU-36/P DAY TRACKER	S			6	LCpl	6-A-4
2)	2171.02.02	MAINTAIN AN/TAS-5 NIGHT VISION SIGHT	S			6	LCpl	6-A-5
3)	2171.02.03	MAINTAIN PP-7382 BATTERY CHARGER	P			6	LCpl	6-A-6
4)	2171.02.04	MAINTAIN AN/TAM-4 BOTTLE CLEANING AND CHARGING STATION (BCCS)	P			6	LCpl	6-A-7
5)	2171.02.05	MAINTAIN AN/TAM-3B NIGHT SIGHT TEST SET	S			6	LCpl	6-A-8
6)	2171.02.06	MAINTAIN AN/TSM-114 TRACKER TEST SET	P			6	LCpl	6-A-9

ENCLOSURE (3)

SEQ	TASK	TITLE	FS	MOJT	MCI	SUS	REQ BY	PAGE
7)	2171.02.07	MAINTAIN OQ-278/TSM-114 TEST SET GROUP	P			6	LCpl	6-A-11
8)	2171.02.08	MAINTAIN AN/TSM-128 DMS-D TEST SET	P			6	LCpl	6-A-12
9)	2171.02.09	MAINTAIN MK-1633/TSM DMS-G TEST KIT	P			6	LCpl	6-A-13
10)	2171.02.10	MAINTAIN OF-77/TSM DMS-S TEST ADAPTER GROUP	P			6	LCpl	6-A-14
11)	2171.02.11	MAINTAIN M220E4 TOW WEAPON SYSTEM	S			6	LCpl	6-A-15
12)	2171.02.12	MAINTAIN AN/UAS-12 SERIES NIGHT SIGHT EQUIPMENT SET	S			6	LCpl	6-A-17
13)	2171.02.13	MAINTAIN PP-4884 BATTERY CHARGER	S			6	LCpl	6-A-18
14)	2171.02.14	MAINTAIN AN/TSM-140B TOW FIELD TEST SET	S			6	LCpl	6-A-19
15)	2171.02.15	MAINTAIN AN/TSM-152 MISSILE GUIDANCE SET TEST SET	S			6	LCpl	6-A-20
16)	2171.02.16	MAINTAIN TS-3784/TAS BORESIGHT COLLIMATOR TEST SET	P			6	LCpl	6-A-22
17)	2171.02.17	MAINTAIN AN/TAM-5 AMPLIFIER TEST SET	S			6	LCpl	6-A-23
18)	2171.02.18	MAINTAIN AN/PAQ-3 MODULAR UNIVERSAL LASER EQUIPMENT (MULE)	P			6	LCpl	6-A-24
19)	2171.02.19	MAINTAIN AN/GVS-5 LASER INFRARED OBSERVATION SET	P			6	LCpl	6-A-25
20)	2171.02.20	MAINTAIN MODULAR UNIVERSAL LASER EQUIPMENT (MULE) INTERMEDIATE MAINTENANCE KIT	S			6	LCpl	6-A-26
21)	2171.02.21	MAINTAIN PASSIVE NIGHT VISION EQUIPMENT	S			6	LCpl	6-A-28
22)	2171.02.22	MAINTAIN M1 SERIES GUNNERS QUADRANT	S			6	LCpl	6-A-29
23)	2171.02.23	MAINTAIN M49 OBSERVATION TELESCOPE	S			6	LCpl	6-A-30
24)	2171.02.24	MAINTAIN M2A2 AIMING CIRCLE	S			6	LCpl	6-A-31
25)	2171.02.25	MAINTAIN BINOCULARS			S	6	LCpl	6-A-32
26)	2171.02.26	MAINTAIN M3 BORESCOPE			S	6	LCpl	6-A-33
27)	2171.02.27	MAINTAIN M1A1 INFINITY AIMING REFERENCE COLLIMATOR			S	6	LCpl	6-A-34
28)	2171.02.28	MAINTAIN M64A1 SIGHT UNIT			S	6	LCpl	6-A-35
29)	2171.02.29	MAINTAIN M65 BATTERY COMMANDERS PERISCOPE			S	6	LCpl	6-A-36
30)	2171.02.30	MAINTAIN SHOULDER-LAUNCHED MULTIPURPOSE ASSAULT WEAPON (SMAW) TRIGGER ASSEMBLY			S	6	LCpl	6-A-37
31)	2171.02.31	MAINTAIN M198 HOWITZER FIRE CONTROL SYSTEM	P			6	LCpl	6-A-38
32)	2171.02.32	MAINTAIN M1A1 TANK FIRE CONTROL SYSTEM	S			6	LCpl	6-A-39
33)	2171.02.33	MAINTAIN DIRECT SUPPORT ELECTRONIC SYSTEM TEST SET	P			6	LCpl	6-A-41
34)	2171.02.34	MAINTAIN LIGHT ARMORED VEHICLE (LAV) SERIES FIRE CONTROL SYSTEM	P			6	LCpl	6-A-42
35)	2171.02.35	MAINTAIN ASSAULT AMPHIBIOUS VEHICLE (AAV) SERIES FIRE CONTROL SYSTEM			S	6	LCpl	6-A-43
36)	2171.02.36	MAINTAIN AN/VLQ-6 MISSILE COUNTERMEASURE DEVICE			S	6	LCpl	6-A-44
37)	2171.02.37	MAINTAIN TS-3620/GVS-5 TEST SET	S			6	LCpl	6-A-45
38)	2171.02.38	MAINTAIN TS-4348/UVC ELECTRONIC SYSTEMS TEST SET	S			6	LCpl	6-A-46
39)	2171.02.39	MAINTAIN CROSS-LEVELING FIXTURE	S			6	LCpl	6-A-47
40)	2171.02.40	MAINTAIN AZIMUTH TEST FIXTURE	S			6	LCpl	6-A-48
41)	2171.02.41	MAINTAIN STRAIGHT TUBE TELESCOPE FIXTURE			S	6	LCpl	6-A-49
42)	2171.02.42	MAINTAIN PP-8333/U BATTERY ANALYZER-CHARGER (CRISTIE)	P			6	LCpl	6-A-50
43)	2171.02.43	MAINTAIN THERMAL SIGHTS	S			6	LCpl	6-A-51
44)	2171.02.44	MAINTAIN ELECTRO-OPTICAL EQUIPMENT MAINTENANCE SHELTER	P			6	LCpl	6-A-52
45)	2171.02.45	MAINTAIN THE M21 REMOTE SENSING CHEMICAL AGENT AUTOMATIC ALARM			S	6	LCpl	6-A-54

SEQ	TASK	TITLE	FS	MOJT	MCI	SUS	REQ BY	PAGE
DUTY AREA 03 - ADMINISTRATIVE FUNCTIONS								
1)	2171.03.01	SUPERVISE ELECTRO-OPTICAL MAINTENANCE ADMINISTRATION	S	X	6	SSgt		6-A-56
2)	2171.03.02	ADMINISTER ELECTRO-OPTICAL ORDNANCE TRAINING PROGRAM	S		6	SSgt		6-A-56
3)	2171.03.03	MANAGE ELECTRO-OPTICAL EQUIPMENT RECORDS AND FORMS	S		6	SSgt		6-A-57
4)	2171.03.04	MANAGE ELECTRO-OPTICAL PUBLICATIONS LIBRARY	S		6	SSgt		6-A-58
5)	2171.03.05	COORDINATE ELECTRO-OPTICAL EQUIPMENT AVAILABILITY	S		6	SSgt		6-A-59
6)	2171.03.06	COORDINATE ELECTRO-OPTICAL SUPPLY SUPPORT PROGRAM	S		6	SSgt		6-A-60
7)	2171.03.07	MANAGE ELECTRO-OPTICAL SUPPORT AND TEST EQUIPMENT	S	X	6	SSgt		6-A-60
8)	2171.03.08	ADMINISTER ELECTRO-OPTICAL PREVENTIVE MAINTENANCE (PM) PROGRAM	S		6	SSgt		6-A-61
9)	2171.03.09	ADMINISTER ELECTRO-OPTICAL CORRECTIVE MAINTENANCE (CM) PROGRAM	S		6	SSgt		6-A-62
10)	2171.03.10	MANAGE ELECTRO-OPTICAL MIMMS-AIS FUNCTIONS	S	X	6	SSgt		6-A-63
11)	2171.03.11	ADMINISTER ELECTRO-OPTICAL MAINTENANCE-RELATED PROGRAMS	S	X	6	SSgt		6-A-64
12)	2171.03.12	PREPARE ELECTRO-OPTICAL EQUIPMENT FOR EMBARKATION	S	X	6	SSgt		6-A-65
13)	2171.03.13	MANAGE ELECTRO-OPTICAL ORDNANCE REPAIR AREA	S		6	SSgt		6-A-65
14)	2171.03.14	ADMINISTER SECURITY REGULATIONS	S		6	SSgt		6-A-66
15)	2171.03.15	ADMINISTER ELECTRO-OPTICAL SAFETY PROGRAM	S		6	SSgt		6-A-67
16)	2171.03.16	ADMINISTER LASER SAFETY REGULATIONS	S		6	SSgt		6-A-68
17)	2171.03.17	ADMINISTER RADIATION SAFETY REGULATIONS	S		6	SSgt		6-A-68
18)	2171.03.18	ADMINISTER HAZARDOUS MATERIAL/WASTE REGULATIONS	S		6	SSgt		6-A-69

COMMON INDIVIDUAL TRAINING STANDARDS

DOES NOT APPLY TO THIS ORDER.

TRAINING SUPPORT

1. This enclosure summarizes four categories of training support by ITS for the entire OccFld:

Appendix A: Training Materiel

Appendix B: Current MCIs

Appendix C: Ammunition, Explosives, and Pyrotechnics

Appendix D: References

2. If support identified in any appendix is not applicable to this OccFld, the appendix will include a statement to that effect.

TRAINING MATERIEL

DOES NOT APPLY TO THIS ORDER.

CURRENT MCI PUBLICATIONS

1. General. This section includes a list of all currently available Marine Corps Institute (MCI) publications designed to provide training related to any task in this OccFld.

2. Format. The columns are as follows:

a. MCI. This column summarizes all MCIs that address training of at least one ITS task in this OccFld.

b. TASK NUMBERS. A listing of all ITS tasks supported by the corresponding MCI.

MCI	TASK NUMBERS
MCI 04.10, MIMMS-AIS (Maintenance Automated Information System)	2171.01.04 2171.03.10
MCI 04.14, Ground Maintenance Management Procedures for Supervisors	2171.03.01 2171.03.11
MCI 04.5, The Logistics/Embarkation Specialist	2171.03.12
MCI 11.42, Solid-State Devices	2171.01.02
MCI 28.6, Fundamentals of Digital Logic	2171.01.02
MCI 28.7, Introduction to Test Equipment	2171.03.07

AMMUNITION, EXPLOSIVES, AND PYROTECHNICS

DOES NOT APPLY TO THIS ORDER.

Appendix C to
ENCLOSURE (5)

REFERENCES

1. General. References are doctrinal publications, technical manuals, and other publications upon which an ITS and its performance steps are based. They should be readily available and provide the detailed procedures for accomplishing the task. This section includes a list of all reference publications associated with any task in this OccFld.

2. Format. The columns are as follows:

a. REFERENCES. This column summarizes all references associated with at least one ITS task in this OccFld.

b. TASK NUMBERS. A listing of all ITS tasks to which the corresponding reference is associated.

REFERENCES	TASK NUMBERS
Applicable electro-optical equipment Material Fielding Plans (MFPs)	2171.03.11
Applicable equipment technical manuals	2171.02.39 2171.02.40 2171.02.41 2171.03.08 2171.03.09 2171.03.11 2171.03.12
Applicable stock lists	2171.03.03 2171.03.04 2171.03.11
Installation-specific battery turn-in requirements	2171.01.01 2171.02.02 2171.02.03 2171.02.06 2171.02.11 2171.02.12 2171.02.15 2171.02.18 2171.02.19 2171.02.21 2171.02.24 2171.02.32 2171.02.38 2171.02.42 2171.02.43 2171.03.02 2171.03.08 2171.03.09
Installation-specific used rag turn-in requirements	2171.01.01 2171.02.01 2171.02.02 2171.02.03 2171.02.04 2171.02.05 2171.02.06 2171.02.07 2171.02.08 2171.02.09 2171.02.10 2171.02.11 2171.02.12 2171.02.13 2171.02.14 2171.02.15 2171.02.16 2171.02.17 2171.02.18 2171.02.19 2171.02.20 2171.02.21 2171.02.22 2171.02.23 2171.02.24 2171.02.25 2171.02.26 2171.02.27 2171.02.28 2171.02.29 2171.02.30 2171.02.31 2171.02.32 2171.02.33 2171.02.34 2171.02.35 2171.02.36 2171.02.37 2171.02.38 2171.02.40 2171.02.41 2171.02.42 2171.02.43 2171.02.44 2171.03.02 2171.03.08 2171.03.09
MI Standards File (Microfiche)	2171.03.11
Material safety data sheets for hazardous materials	2171.01.01 2171.02.01 2171.02.02 2171.02.03 2171.02.04 2171.02.05 2171.02.06 2171.02.07 2171.02.08 2171.02.09 2171.02.10 2171.02.11 2171.02.12 2171.02.13 2171.02.14 2171.02.15 2171.02.16 2171.02.17 2171.02.18 2171.02.19 2171.02.20 2171.02.21 2171.02.22 2171.02.23 2171.02.24 2171.02.25 2171.02.26 2171.02.27 2171.02.28 2171.02.29 2171.02.30 2171.02.31 2171.02.32 2171.02.33 2171.02.34 2171.02.35 2171.02.36 2171.02.37 2171.02.38 2171.02.40

REFERENCES	TASK NUMBERS
	2171.02.41 2171.02.42 2171.02.43 2171.02.44 2171.02.45 2171.03.02 2171.03.08 2171.03.09 2171.03.15
Unit Maintenance Management Standing Operating Procedures (MMSOP)	2171.03.14 2171.03.15
Unit Safety Standing Operating Procedures (SOP)	2171.03.15
Unit Table of Equipment (T/E)	2171.03.02 2171.03.04 2171.03.05 2171.03.06 2171.03.07 2171.03.11
Unit Table of Organization (T/O)	2171.03.02 2171.03.04 2171.03.05 2171.03.07
29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication	2171.01.01 2171.02.01 2171.02.02 2171.02.03 2171.02.04 2171.02.05 2171.02.06 2171.02.07 2171.02.08 2171.02.09 2171.02.10 2171.02.11 2171.02.12 2171.02.13 2171.02.14 2171.02.15 2171.02.16 2171.02.17 2171.02.18 2171.02.19 2171.02.20 2171.02.21 2171.02.22 2171.02.23 2171.02.24 2171.02.25 2171.02.26 2171.02.27 2171.02.28 2171.02.29 2171.02.30 2171.02.31 2171.02.32 2171.02.33 2171.02.34 2171.02.35 2171.02.36 2171.02.37 2171.02.38 2171.02.40 2171.02.41 2171.02.42 2171.02.43 2171.02.44 2171.02.45 2171.03.02 2171.03.08 2171.03.09 2171.03.15
DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM	2171.01.01 2171.02.01 2171.02.02 2171.02.03 2171.02.04 2171.02.05 2171.02.06 2171.02.07 2171.02.08 2171.02.09 2171.02.10 2171.02.11 2171.02.12 2171.02.13 2171.02.14 2171.02.15 2171.02.16 2171.02.17 2171.02.18 2171.02.19 2171.02.20 2171.02.21 2171.02.22 2171.02.23 2171.02.24 2171.02.25 2171.02.26 2171.02.27 2171.02.28 2171.02.29 2171.02.30 2171.02.31 2171.02.32 2171.02.33 2171.02.34 2171.02.35 2171.02.36 2171.02.37 2171.02.38 2171.02.40 2171.02.41 2171.02.42 2171.02.43 2171.02.44 2171.02.45 2171.03.02 2171.03.08 2171.03.09 2171.03.15
DOD INST 6055.11_, PROTECTION OF DOD PERSONNEL FROM EXPOSURE TO RADIOFREQUENCY RADIATION AND MILITARY EXEMPT LASERS	2171.01.01 2171.02.18 2171.02.19 2171.02.20 2171.02.45 2171.03.02 2171.03.08 2171.03.09 2171.03.15 2171.03.16
DOD INST 6055.8_, OCCUPATIONAL RADIATION PROTECTION PROGRAM	2171.03.15 2171.03.17
FM 11-60, BASIC PRINCIPLES DIRECT CURRENT	2171.01.03
FM 11-61, BASIC PRINCIPLES ALTERNATING CURRENT	2171.01.03
FM 11-62, SOLID STATE DEVICES/SOLID STATE POWER SUPPLY	2171.01.02 2171.01.03

Appendix D to
ENCLOSURE (5)

REFERENCES	TASK NUMBERS
FM 11-72, COMMUNICATIONS-ELECTRONICS FUNDAMENTALS	2171.01.03
FM 9-243, USE AND CARE OF HAND TOOLS AND MEASURING TOOLS	2171.01.01
MC (ML), (Microfiche)	2171.03.07
MCBUL 3000, TABLE OF MARES LOGISTICS REPORTABLE EQUIPMENT	2171.03.05
MCO 1510.34_, INDIVIDUAL TRAINING STANDARDS SYSTEM (ITSS)	2171.03.02
MCO 3000.11_, MARINE CORPS GROUND EQUIPMENT RESOURCE REPORTING (MCGERR)	2171.03.05
MCO 3501.7_, MARINE CORPS COMBAT READINESS EVALUATION SYSTEM (MCCRES); VOLUME VI COMBAT SERVICE SUPPORT UNITS	2171.03.02
MCO 4105.2_, MARINE CORPS WARRANTY PROGRAM	2171.03.11
MCO 4340.1_, REPORTING MISSING, LOST, STOLEN, OR RECOVERED (MLSR) GOVERNMENT PROPERTY	2171.03.14
MCO 4733.1_, MARINE CORPS TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT (TMDE) CALIBRATION AND MAINTENANCE PROGRAM (CAMP)	2171.03.11
MCO 4855.10_, PRODUCT QUALITY DEFICIENCY REPORT (PQDR)	2171.03.11
MCO 5100.29_, MARINE CORPS SAFETY PROGRAM	2171.03.15
MCO 5100.8_, MARINE CORPS GROUND OCCUPATIONAL SAFETY AND HEALTH (OSH) PROGRAM	2171.03.15
MCO 5104.1_, MARINE CORPS LASER HAZARD CONTROL PROGRAM	2171.02.45
MCO 5104.2_, MARINE CORPS RADIOFREQUENCY ELECTROMAGNETIC FIELD PERSONNEL PROTECTION PROGRAM	2171.03.15 2171.03.17
MCO 5104.3_, MARINE CORPS RADIATION SAFETY PROGRAM	2171.02.22 2171.03.15 2171.03.16 2171.03.17
MCO 5210.11_, USMC RECORDS MANAGEMENT PROGRAM	2171.03.03
MCO 5213.7_, USMC FORMS MANAGEMENT PROGRAM	2171.03.03

REFERENCES	TASK NUMBERS
MCO 5500.6_, ARMING OF SECURITY AND LAW ENFORCEMENT (LE) PERSONNEL AND THE USE OF FORCE	2171.03.14
MCO P4400.150_, CONSUMER LEVEL SUPPLY POLICY MANUAL	2171.03.06
MCO P4400.82_, MUMMS CONTROLLED ITEMS MANAGEMENT MANUAL	2171.03.06 2171.03.11
MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL	2171.01.04 2171.03.01 2171.03.02 2171.03.03 2171.03.04 2171.03.05 2171.03.06 2171.03.07 2171.03.08 2171.03.09 2171.03.10 2171.03.11 2171.03.13
MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL	2171.01.01 2171.02.01 2171.02.02 2171.02.03 2171.02.04 2171.02.05 2171.02.06 2171.02.07 2171.02.08 2171.02.09 2171.02.10 2171.02.11 2171.02.12 2171.02.13 2171.02.14 2171.02.15 2171.02.16 2171.02.17 2171.02.18 2171.02.19 2171.02.20 2171.02.21 2171.02.22 2171.02.23 2171.02.24 2171.02.25 2171.02.26 2171.02.27 2171.02.28 2171.02.29 2171.02.30 2171.02.31 2171.02.32 2171.02.33 2171.02.34 2171.02.35 2171.02.36 2171.02.37 2171.02.38 2171.02.40 2171.02.41 2171.02.42 2171.02.43 2171.02.44 2171.02.45 2171.03.02 2171.03.03 2171.03.08 2171.03.09 2171.03.15 2171.03.16 2171.03.17 2171.03.18
MCO P5102.1_, MARINE CORPS GROUND MISHAP REPORTING	2171.03.15
MCO P5215.17_, USMC TECHNICAL PUBLICATIONS SYSTEM	2171.03.04
MCO P5600.31_, MARINE CORPS PUBLICATIONS AND PRINTING REGULATIONS	2171.03.04
MCO P7100.8_, FIELD BUDGET GUIDANCE MANUAL	2171.03.06
NAVMC 2761, CATALOG OF PUBLICATIONS	2171.03.04
OPNAVINST 5100.19_, VOLUME III, OCCUPATIONAL SAFETY AND HEALTH	2171.03.15
OPNAVINST 5100.23_, NAVY OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) MANUAL	2171.03.15
OPNAVINST 5530.13_, PHYSICAL SECURITY OF AA&E	2171.03.14
OPNAVINST 5530.14_, PHYSICAL SECURITY AND LOSS PREVENTION	2171.03.14

REFERENCES	TASK NUMBERS	
RS-00591A-50/1, Telescope, Observation M49 w/Equipment	2171.02.23	
SECNAVINST 5212.5_, NAVY AND MARINE CORPS RECORDS DISPOSITION MANUAL	2171.03.03	
SL-3-00476C, Aiming Circle, M2A2 w/Equipment	2171.02.24	
SL-3-02194A, Fixture, Azimuth Testing w/Equipment	2171.02.40	
SL-3-02220A, Fixture, Cross Leveling and Elevation	2171.02.39	
SL-3-07459, Test Set, Guided Missile System	2171.02.08	
SL-3-07460, Test Kit, Supplemental, Guided Missile Shop Equipment MK-1633/TSM	2171.02.09	
SL-3-07723, Test Set, Guided Missile System AN/TSM-140B	2171.02.14	
SL-3-08118, Battery Charger, PP-7382/TAS	2171.02.03	
SL-3-08121, Test Set, Night Vision Sight AN/TAM-3B	2171.02.05	
SL-3-08123A, Tracker, Guided Missile AN/TAS-5	2171.02.02	
SL-3-08124, Guided Missile Infrared Tracker	2171.02.06	2171.02.07
SL-3-08193, Dragon Maintenance Shelter	2171.02.44	
SL-3-08194, TOW Weapons System Maintenance Shelter	2171.02.44	
SL-3-08485, Night Sight Maintenance Facility/TAM-6(V)-3	2171.02.44	
SL-3-08552A, Borescope, M3 w/Equipment	2171.02.26	
SL-3-08554, Equipment Set, Night Vision Sight, AN/UAS-12	2171.02.12	
SL-3-08892A, Test Equipment Intermediate Maintenance Kit	2171.02.20	
SL-3-09129A, ShopSet, Equipment, Electro-Optics Field Maintenance 3rd and 4th Echelon	2171.02.44	
SL-4-08193A/08194A, Dragon/TOW Weapons Systems Maintenance Shelter	2171.02.44	

REFERENCES	TASK NUMBERS
SL-4-8H161B, Light Armored Vehicle (LAV) Thermal Sight System	2171.02.34
TB MED 524, Control of Hazards to Health from Laser Radiation	2171.03.16
TI-4710-14/1, Recovery and Evacuation Criteria, USMC	2171.03.11
TI-4733-15/1, Calibration Requirements USMC TMDE CAMP	2171.03.11
TI-5104-15/1A, Procedural Publications Index USMC RASP	2171.03.17
TI-5104-15/2, Special Handling Considerations Tritium Fire Control	2171.02.22 2171.02.27 2171.02.28 2171.02.31 2171.02.32 2171.03.17
TM 00476C-24&P, M2A2 Aiming Circle	2171.02.24
TM 02193C-14&P, Quadrant M1A1 & M1A2	2171.02.22
TM 04914B-34&P, M1A1 Collimator, Infinity Aiming	2171.02.27
TM 08157B-24/1, Night Vision Sight AN/TAS-4	2171.02.12
TM 08157D-24/2, Night Vision Sights AN/TAS-4C & 4D	2171.02.12
TM 08552A-13&P, Maintenance Manual for Borescope M3	2171.02.26
TM 08579A-12/1, Operator and Organizational Maintenance Instruction for MULE	2171.02.18
TM 08579A-24P/3A, Modular Universal Laser Equipment	2171.02.18
TM 08579A-34/2A, AN/PAQ-3 (MULE) & Fault Isolation Test Set	2171.02.18 2171.02.20
TM 08579A-34P/4A, Intermediate Maintenance Kit, Modular Universal Laser Equipment (MULE)	2171.02.20
TM 08594A-20/3A, Light Armored Vehicle(LAV)-25 Turret	2171.02.34
TM 08594A-34/8, Light Armored Vehicle(LAV)-25 Turret	2171.02.34
TM 08652A-34/5, Intermediate Maintenance, Light Armored Vehicle (LAV) AT Turret	2171.02.34

REFERENCES	TASK NUMBERS
TM 08673A-25&P/2A, Launcher, Assault Rocket 83mm (SMAW)	2171.02.30
TM 08911A-12/1, North Finding Module MX-18204/GSQ	2171.02.18
TM 08911A-34&P/2, North Finding Module MX-18204/GSQ	2171.02.18
TM 08953A-24/4-2, Tank, Combat, M1A1 (Turret)	2171.02.32
TM 08953A-34/7-1, M1A1 Tank Fire Control	2171.02.32
TM 08953A-34P/8, M1A1 Tank Sighting & Fire Control	2171.02.32
TM 09500A-23&P/2, Night Vision Goggles AN/PVS-7B	2171.02.21
TM 09591A-12/1, CASP/2000H(M) Cristie Electronics	2171.02.42
TM 09591A-34/2, CASP/2000H(M) Cristie Electronics	2171.02.42
TM 09688A-24&P, Receiver Infrared, AN/PAS-18	2171.02.43
TM 09842A-12/1, Countermeasure Set, AN/VLQ-6	2171.02.36
TM 09842A-34/2, Countermeasure Set, AN/VLQ-6	2171.02.36
TM 09870A-10/1, Operation Instructions for the Remote Sensing Chemical Agent Automatic Alarm Model M21	2171.02.45
TM 09870A-23&P/2, Maintenance Instructions for the Remote Sensing Chemical Agent Automatic Alarm Model M21	2171.02.45
TM 10004A-25&P2, AAV Upgunned Weapon Station	2171.02.35
TM 10209-10/1, Use and Care of Hand and Measure Tools	2171.01.01
TM 10262A-14&P/1, GPIA-LAV Electronic System Test Set	2171.02.32 2171.02.33 2171.02.34
TM 10262A-14/2, GPIA-LAV Electronic System Test Set	2171.02.32 2171.02.34
TM 10271A-23&P/2, Monocular, Night Vision Device, AN/PVS-14	2171.02.21

REFERENCES	TASK NUMBERS
TM 11-5855-213-23P, Night Vision Sight AN/PVS-4	2171.02.21
TM 11-5855-214-23&P, Night Vision Sight, Crew Serv AN/TVS-5	2171.02.21
TM 11-5855-238-23&P, Night Vision Goggles AN/PVS-5	2171.02.21
TM 11-5855-247-24, Night Vision Sight, AN/TAS-5	2171.02.02
TM 11-5855-249-10, Viewer, Drivers Night Vision, AN/VVS-2	2171.02.21
TM 11-5855-249-20, Viewer, Drivers Night Vision AN/VVS-2V1	2171.02.21
TM 11-5855-254-14&P, Charger, Battery PP-7382/TAS	2171.02.03
TM 11-5855-299-12&P, Test Set, Electronic System, TS-4348/UV	2171.02.38
TM 11-5860-201-20, Laser Infrared Observation Set AN/GVS-5	2171.02.19
TM 11-5860-201-30, Laser Infrared Observation Set AN/GVS-5	2171.02.19
TM 11-5860-201-30P, Laser Infrared Observation Set AN/GVS-5	2171.02.19
TM 11-6625-2684-12, Test Set, Laser Infrared Observation Device	2171.02.37
TM 11-6625-2684-20P, Test Set, Laser Infrared Observation Device	2171.02.37
TM 11-6625-2684-30, Test Set, Laser Infrared Observation Device	2171.02.37
TM 11-6625-2684-30P, Laser Infrared Observation Device TS-3620/GVS-5	2171.02.37
TM 1240-34&P, Telescope Mount, M64	2171.02.28
TM 4700-15/1, Ground Equipment Record Procedures Manual	2171.01.04 2171.03.01 2171.03.03 2171.03.06 2171.03.07 2171.03.08 2171.03.09 2171.03.10
TM 8F419B-35&P, M36E3 Periscope For UGWS	2171.02.21 2171.02.35
TM 8H161B-20, Light Armored Vehicle (LAV) Thermal Sight System	2171.02.34
TM 8H161B-34, Light Armored Vehicle (LAV) Thermal Sight System	2171.02.34

REFERENCES	TASK NUMBERS		
TM 9-1025-211-20&P, Howitzer Med Towed 155mm M198	2171.02.31		
TM 9-1025-211-34, Howitzer Med Towed 155mm M198	2171.02.31		
TM 9-1240-314-35P, Periscope, Tank: M36	2171.02.21		
TM 9-1240-368-34, Periscope, Battery Commander's M65 w/Equipment	2171.02.29		
TM 9-1240-375-34, Quadrant Fire Control M17/M18/M171/M172	2171.02.31		
TM 9-1240-375-34P, Quadrant Fire Control M17/M18 Telescope M171-72-37-38	2171.02.31		
TM 9-1240-403-12&P, Operator's & Organization Maintenance Manual, Binocular M22	2171.02.25		
TM 9-1425-450-12, TOW Weapon System Guided Missile System	2171.02.11		
TM 9-1425-450-24P, Launcher, Tubular Guided Missile	2171.02.11	2171.02.13	
TM 9-1425-450-34-1, TOW 2 Weapon System M220E4	2171.02.11	2171.02.15	
TM 9-1425-450-34-2, TOW 2 Weapon System	2171.02.11		
TM 9-1425-450-L, (LOAP) F/TOW 2 Weapons System	2171.02.11		
TM 9-1425-451-34, TOW 2 Weapon System Checkout and Troubleshooting	2171.02.11	2171.02.13	2171.02.14
TM 9-1425-480-24P, Tracker SU-36/P and Night Vision Sight AN/TAS-5	2171.02.01	2171.02.02	
TM 9-1425-484-24, Monitor Set GMS Training AN/TSQ-1 Dragon, SU-36/P, AN/TAS-5	2171.02.01	2171.02.02	
TM 9-1430-483-34, Infrared Tracker GM SU-36/P Unit 3	2171.02.01		
TM 9-254, General Maintenance Procedures for Fire Control Materials	2171.01.01 2171.02.40	2171.02.32 2171.02.41	2171.02.39 2171.03.18
TM 9-258, Application-Fire Control Instruments	2171.02.32		
TM 9-4931-586-12-1&P, Test Set Electronic, AN/USM 615	2171.02.32	2171.02.33	2171.02.34

REFERENCES	TASK NUMBERS
TM 9-4931-586-12-2&P, Test Set Electronic, AN/USM 615	2171.02.32 2171.02.33 2171.02.34
TM 9-4931-586-12-4&P, Test Set Electronic, AN/USM 615	2171.02.32 2171.02.33 2171.02.34
TM 9-4931-586-30&P, Test Set Electronic, AN/USM 615	2171.02.33
TM 9-4935-450-24P, Shop Equipment, GMS Contact Support Set	2171.02.15
TM 9-4935-452-14, Test Set GMS AN/TSM-140A or -140B	2171.02.14
TM 9-4935-452-24P, Tow Field Test Set, TFTS Test Adapter	2171.02.15
TM 9-4935-454-24P, Night Sight Maintenance Facility, AN/TAM-6	2171.02.44
TM 9-4935-455-14, TOW 2 Heavy Antitank/Assault Weapons Systems	2171.02.15 2171.02.17
TM 9-4935-455-24P, AN/TAM-5 Amplifier Test Set	2171.02.17
TM 9-4935-472-14-1, Improved Contact Support Set and Night Sight Maintenance Facility	2171.02.44
TM 9-4935-474-14-2-1, TOW 2 Subsystem Test Set	2171.02.14
TM 9-4935-480-24P, Test Set GM Infrared Tracker AN/TSM-114 and TTSU	2171.02.06 2171.02.07
TM 9-4935-481-14-3, Dragon Maintenance Set Dir/Gen Support	2171.02.02
TM 9-4935-483-34, Test Set GM Infrared Tracker AN/TSM-114	2171.02.06
TM 9-4935-483-34P, Test Set AN/TSM-128, MK-1633, OF-77/TSM	2171.02.08 2171.02.09
TM 9-4935-484-14, Test Set GM IR Tracker AN/TSM-114, OQ-278/TSM-114	2171.02.01 2171.02.02 2171.02.06
TM 9-4935-677-12, Dragon Maintenance Set	2171.02.01 2171.02.06 2171.02.07 2171.02.08 2171.02.09 2171.02.10
TM 9-4935-677-34-1, Dragon Maintenance Set	2171.02.06 2171.02.07 2171.02.08 2171.02.09 2171.02.10
TM 9-4935-677-34-2, Dragon Maintenance Set	2171.02.06 2171.02.07 2171.02.08 2171.02.09 2171.02.10

REFERENCES	TASK NUMBERS
TM 9-5855-1450-24P, Night Vision Sight AN/UAS-12C	2171.02.02 2171.02.12
TM 9-5855-252-12, Bottle Cleaning/Charging Station AN/TAM-4	2171.02.04
TM 9-5855-252-24P, Bottle Cleaning/Charging Station AN/TAM-4	2171.02.04
TM 9-5855-252-34, Bottle Cleaning/Charging Station AN/TAM-4	2171.02.04
TM 9-5855-255-14, Night Vision Sight AN/TAM-3/3A/3B	2171.02.05
TM 9-5855-255-24P, Night Vision Sight AN/TAM-3/3A/3B	2171.02.05
TM 9-5855-286-14, Test Set, Boresight Collimator, TS-3784/TAS	2171.02.16
TM 9-5855-286-24P, Test Set, Boresight Collimator, TS-3784/TAS	2171.02.16
TM 9-5855-883-24, Vehicle Power Conditioner	2171.02.12
TM 9-5855-884-24, Battery Power Conditioner	2171.02.12
TM 9-5855-885-24, Collimator, Boresight SU-93/TAS	2171.02.12
TM 9-6130-470-12, Battery Charger PP-4884 A/T TOW	2171.02.13
TM 9-6650-212-12, Telescope Observation M49 w/Equipment	2171.02.23
TM 9-6650-212-34P, Telescope Observation M49	2171.02.23
TM-9999-15/1, Electrostatic Discharge (ESD) Awareness	2171.02.03 2171.02.06 2171.02.07 2171.02.08 2171.02.09 2171.02.11 2171.02.12 2171.02.14 2171.02.18 2171.02.19 2171.02.20 2171.02.21
TM-9999-15/2, Electrostatic Discharge (ESD) Management	2171.02.03 2171.02.06 2171.02.07 2171.02.08 2171.02.09 2171.02.12 2171.02.14 2171.02.18 2171.02.19 2171.02.20 2171.02.21
U.S. ARMY TB 43-0134, Battery Disposition and Disposal	2171.01.01 2171.02.02 2171.02.03 2171.02.06 2171.02.11 2171.02.12 2171.02.15 2171.02.18 2171.02.19 2171.02.21 2171.02.24 2171.02.32 2171.02.38 2171.02.42 2171.02.43 2171.03.02 2171.03.08 2171.03.09

REFERENCES	TASK NUMBERS
UM 4400-124, FMF SASSY Using Unit Procedures	2171.01.04 2171.03.06
UM 4790-5, MIMMS AIS Field Maintenance Procedures	2171.01.04 2171.03.01 2171.03.03 2171.03.06 2171.03.10
UM-4400-15, Organic Property Control Procedures	2171.03.06
UM-PLMS, Publication Library Management System	2171.03.04

Appendix D to
ENCLOSURE (5)

INDIVIDUAL TRAINING STANDARDS

1. General. This enclosure contains all of the ITSs for this OccFld, grouped by MOS. Each MOS is contained in a separate Appendix to Enclosure (6).

2. Format. For each ITS, the following elements of information are provided:

a. TASK. The task describes a specific and necessary behavior expected of a Marine in a particular MOS or job. It is a clearly stated, performance-oriented action requiring a learned skill.

b. CONDITION(S). This portion of the ITS describes the equipment, manuals, assistance/supervision, special physical demands, environmental conditions, and location affecting a Marine's performance of the task under real-world circumstances.

c. STANDARD(S). This portion of the ITS describes the level of proficiency to which the individual must perform the task.

d. PERFORMANCE STEPS. Collectively, the performance steps represent the logical sequence of actions required of the Marine to perform the task to standard. These actions are typically detailed in the references.

e. REFERENCES. References are doctrinal publications, technical manuals, and other publications upon which the ITS and its performance steps are based. They should be readily available and provide detail to the procedures that are only summarized in the performance steps.

f. ADMINISTRATIVE INSTRUCTIONS (Optional). Administrative instructions provide the trainer/instructor with special required or recommended circumstances, including safety precautions, relating to the training or execution of the task. These instructions may also clarify the meaning of the task.

g. INITIAL TRAINING SETTING. All ITSs are assigned an Initial Training Setting that includes a specific location for initial instruction (Formal School or MOJT), level of training required at that location (Standard or Preliminary), a sustainment factor (number of months between evaluation or retraining to maintain the proficiency required by the standard), and a "Required By" rank (the lowest rank at which task proficiency is required).

h. TRAINING MATERIEL (Optional). Training materiel includes all training devices, simulators, aids, equipment, and materials (except ammunition and Marine Corps Institute (MCI) publications) required or recommended to properly train the task under the specified conditions and to the specified standard. Mandatory items are preceded by an asterisk(*).

i. AMMUNITION (Optional). This table, if present, depicts the ammunition, explosives, and/or pyrotechnics required for proper training of the ITS.

j. CURRENT MCI(S) (Optional). This section includes a list of any currently available MCI publications designed to provide training related to this task.

MOS 2171, ELECTRO-OPTICAL ORDNANCE REPAIRER

DUTY AREA 01 - BASIC KNOWLEDGE AND SKILLS

TASK: 2171.01.01 FOLLOW BASIC MAINTENANCE PROCEDURES

CONDITION(S): Given common tools, power tools, precision measuring tools, and the references.

STANDARD(S): To maintain assigned work area in the accomplishment of maintenance assignments per the references.

PERFORMANCE STEPS:

1. Organize tools and equipment within work area.

2. Follow instructions for care of tools.

3. Observe safety regulations.

4. Ensure that waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Installation-specific battery turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. DOD INST 6055.11_, PROTECTION OF DOD PERSONNEL FROM EXPOSURE TO RADIOFREQUENCY RADIATION AND MILITARY EXEMPT LASERS

7. FM 9-243, USE AND CARE OF HAND TOOLS AND MEASURING TOOLS

8. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

9. TM 10209-10/1, Use and Care of Hand and Measure Tools

10. TM 9-254, General Maintenance Procedures for Fire Control Materials

11. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS: To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary

personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6)
Req By (LCpl)

TASK: 2171.01.02 ANALYZE ELECTRONIC DEVICES/COMPONENTS

CONDITION(S): Given the reference.

STANDARD(S): To determine maintenance or repair requirements per the reference.

PERFORMANCE STEPS:

1. Locate equipment electronic devices.
2. Determine function of electronic devices.
3. Test electronic devices.
4. Identify maintenance or repair requirements.

REFERENCE(S):

1. FM 11-62, SOLID STATE DEVICES/SOLID STATE POWER SUPPLY

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

CURRENT MCI(S):

1. MCI 11.42, Solid-State Devices
2. MCI 28.6, Fundamentals of Digital Logic

TASK: 2171.01.03 ANALYZE ELECTRONIC CIRCUITS/COMPONENTS

CONDITION(S): Given the reference.

STANDARD(S): To determine maintenance or repair requirements per the reference.

PERFORMANCE STEPS:

1. Identify equipment electronic circuits.
2. Determine function of electronic circuits.
3. Test electronic circuits.
4. Identify maintenance or repair requirements.

REFERENCE(S):

1. FM 11-60, BASIC PRINCIPLES DIRECT CURRENT
2. FM 11-61, BASIC PRINCIPLES ALTERNATING CURRENT
3. FM 11-62, SOLID STATE DEVICES/SOLID STATE POWER SUPPLY
4. FM 11-72, COMMUNICATIONS-ELECTRONICS FUNDAMENTALS

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

TASK: 2171.01.04 FOLLOW BASIC MAINTENANCE MANAGEMENT/ADMINISTRATIVE PROCEDURES

CONDITION(S): Given equipment repair records and forms, access to the MIMMS-AIS, and the references.

STANDARD(S): To complete applicable maintenance and/or administrative forms and records per the references.

PERFORMANCE STEPS:

1. Complete forms needed to document work.
2. Maintain forms on file as required.
3. Make entries in equipment records as required.
4. Enter data to the MIMMS-AIS as required.

REFERENCE(S):

1. MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL
2. TM 4700-15/1, Ground Equipment Record Procedures Manual
3. UM 4400-124, FMF SASSY Using Unit Procedures
4. UM 4790-5, MIMMS AIS Field Maintenance Procedures

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6)
Req By (LCpl)

CURRENT MCI(S):

1. MCI 04.10, MIMMS-AIS (Maintenance Automated Information System)

DUTY AREA 02 - MAINTAIN ELECTRO-OPTICAL ORDNANCE EQUIPMENT

TASK: 2171.02.01 MAINTAIN SU-36/P DAY TRACKER

CONDITION(S): Given an SU-36/P Day Tracker, Electro-Optical Tool Kit, AN/TSM-114 Tracker Test Set, OQ-278/TSM-114 Tracker Test Set/Supplemental Unit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

5. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TM 9-1425-480-24P, Tracker SU-36/P and Night Vision Sight AN/TAS-5

7. TM 9-1425-484-24, Monitor Set GMS Training AN/TSQ-1 Dragon, SU-36/P, AN/TAS-5

8. TM 9-1430-483-34, Infrared Tracker GM SU-36/P Unit 3

9. TM 9-4935-484-14, Test Set GM IR Tracker AN/TSM-114, OQ-278/TSM-114

10. TM 9-4935-677-12, Dragon Maintenance Set

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.02 MAINTAIN AN/TAS-5 NIGHT VISION SIGHT

CONDITION(S): Given an AN/TAS-5 Night Vision Sight, AN/TAM 3B Night Sight Test Set, AN/TSM-114 Tracker Test Set, OQ-278/TSM-114 Test Set Group, AN/TAM-4 (BCCS), PP-7382/TAS Battery Charger, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform limited technical inspection.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

6. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

7. Place waste metal in the scrap metal receptacle.

8. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific battery turn-in requirements

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. SL-3-08123A, Tracker, Guided Missile AN/TAS-5

8. TM 11-5855-247-24, Night Vision Sight, AN/TAS-5

9. TM 9-1425-480-24P, Tracker SU-36/P and Night Vision Sight AN/TAS-5

10. TM 9-1425-484-24, Monitor Set GMS Training AN/TSQ-1 Dragon, SU-36/P, AN/TAS-5

11. TM 9-4935-481-14-3, Dragon Maintenance Set Dir/Gen Support

12. TM 9-4935-484-14, Test Set GM IR Tracker AN/TSM-114, OQ-278/TSM-114

13. TM 9-5855-1450-24P, Night Vision Sight AN/UAS-12C

14. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. Additional maintenance instructions covered in TM 11-5855-247-24 (OBSOLETE).

3. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.03 MAINTAIN PP-7382 BATTERY CHARGER

CONDITION(S): Given a PP-7382 Battery Charger, a battery, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate PP-7382 Battery Charger.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

6. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

7. Place waste metal in the scrap metal receptacle.

8. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific battery turn-in requirements

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. SL-3-08118, Battery Charger, PP-7382/TAS

8. TM 11-5855-254-14&P, Charger, Battery PP-7382/TAS

9. TM-9999-15/1, Electrostatic Discharge (ESD) Awareness

10. TM-9999-15/2, Electrostatic Discharge (ESD) Management

11. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6) Req By (LCpl)

TASK: 2171.02.04 MAINTAIN AN/TAM-4 BOTTLE CLEANING AND CHARGING STATION (BCCS)

CONDITION(S): Given an AN/TAM-4 Bottle Cleaning and Charging Station and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate AN/TAM BCCS.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TM 9-5855-252-12, Bottle Cleaning/Charging Station AN/TAM-4

7. TM 9-5855-252-24P, Bottle Cleaning/Charging Station AN/TAM-4

8. TM 9-5855-252-34, Bottle Cleaning/Charging Station AN/TAM-4

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.05 MAINTAIN AN/TAM-3B NIGHT SIGHT TEST SET

CONDITION(S): Given an AN/TAM-3B Night Sight Test Set, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate AN/TAM-3B Night Sight Test Set.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. SL-3-08121, Test Set, Night Vision Sight AN/TAM-3B

7. TM 9-5855-255-14, Night Vision Sight AN/TAM-3/3A/3B

8. TM 9-5855-255-24P, Night Vision Sight AN/TAM-3/3A/3B

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.06 MAINTAIN AN/TSM-114 TRACKER TEST SET

CONDITION(S): Given an AN/TSM-114 Tracker Test Set, an oscilloscope, An/TSM-128, MK-1633/TSM, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate AN/TSM-114 Tracker Test Set.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

6. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

7. Place waste metal in the scrap metal receptacle.

8. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific battery turn-in requirements

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. SL-3-08124, Guided Missile Infrared Tracker

8. TM 9-4935-480-24P, Test Set GM Infrared Tracker AN/TSM-114 and TTSU

9. TM 9-4935-483-34, Test Set GM Infrared Tracker AN/TSM-114

10. TM 9-4935-484-14, Test Set GM IR Tracker AN/TSM-114, OQ-278/TSM-114

11. TM 9-4935-677-12, Dragon Maintenance Set

12. TM 9-4935-677-34-1, Dragon Maintenance Set

13. TM 9-4935-677-34-2, Dragon Maintenance Set

14. TM-9999-15/1, Electrostatic Discharge (ESD) Awareness

15. TM-9999-15/2, Electrostatic Discharge (ESD) Management

16. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6) Req By (LCpl)

TASK: 2171.02.07 MAINTAIN OQ-278/TSM-114 TEST SET GROUP

CONDITION(S): Given an OQ-278/TSM-114 Test Set Group, OF-77/TSM Test Adapter Group, AN/TSM-114 Tracker Test Set, AN/TSM-128, MK-1633/TSM, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate OQ-278/TSM-114 Test Set Group.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. SL-3-08124, Guided Missile Infrared Tracker

7. TM 9-4935-480-24P, Test Set GM Infrared Tracker AN/TSM-114 and TTSU

8. TM 9-4935-677-12, Dragon Maintenance Set

9. TM 9-4935-677-34-1, Dragon Maintenance Set

10. TM 9-4935-677-34-2, Dragon Maintenance Set

11. TM-9999-15/1, Electrostatic Discharge (ESD) Awareness

12. TM-9999-15/2, Electrostatic Discharge (ESD) Management

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.08 MAINTAIN AN/TSM-128 DMS-D TEST SET

CONDITION(S): Given an AN/TSM-128 DMS-D Test Set, an oscilloscope, MK-1633/TSM, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate AN/TSM-128 DMS-D Test Set.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. SL-3-07459, Test Set, Guided Missile System

7. TM 9-4935-483-34P, Test Set AN/TSM-128, MK-1633, OF-77/TSM

8. TM 9-4935-677-12, Dragon Maintenance Set

9. TM 9-4935-677-34-1, Dragon Maintenance Set

10. TM 9-4935-677-34-2, Dragon Maintenance Set

11. TM-9999-15/1, Electrostatic Discharge (ESD) Awareness

12. TM-9999-15/2, Electrostatic Discharge (ESD) Management

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.09 MAINTAIN MK-1633/TSM DMS-G TEST KIT

CONDITION(S): Given an MK-1633/TSM DMS-G Test Kit, AN/TSM-128 DMS-D Test Set, an oscilloscope, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate MK-1633/TSM DMS-G Test Kit.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. SL-3-07460, Test Kit, Supplemental, Guided Missile Shop Equipment MK-1633/TSM

7. TM 9-4935-483-34P, Test Set AN/TSM-128, MK-1633, OF-77/TSM

8. TM 9-4935-677-12, Dragon Maintenance Set

9. TM 9-4935-677-34-1, Dragon Maintenance Set

10. TM 9-4935-677-34-2, Dragon Maintenance Set

11. TM-9999-15/1, Electrostatic Discharge (ESD) Awareness

12. TM-9999-15/2, Electrostatic Discharge (ESD) Management

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.10 MAINTAIN OF-77/TSM DMS-S TEST ADAPTER GROUP

CONDITION(S): Given an OF-77/TSM DMS-S Test Adapter Group, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate OF-77/TSM DMS-S Test Adapter Group.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TM 9-4935-677-12, Dragon Maintenance Set

7. TM 9-4935-677-34-1, Dragon Maintenance Set

8. TM 9-4935-677-34-2, Dragon Maintenance Set

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.11 MAINTAIN M220E4 TOW WEAPON SYSTEM

CONDITION(S): Given an M220E4 TOW Weapon System, AN/TSM-140B TOW Field Test Set, AN/TSM-152 Missile Guidance Set Test Set, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific battery turn-in requirements

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. TM 9-1425-450-12, TOW Weapon System Guided Missile System

8. TM 9-1425-450-24P, Launcher, Tubular Guided Missile

9. TM 9-1425-450-34-1, TOW 2 Weapon System M220E4

10. TM 9-1425-450-34-2, TOW 2 Weapon System

11. TM 9-1425-450-L, (LOAP) F/TOW 2 Weapons System

12. TM 9-1425-451-34, TOW 2 Weapon System Checkout and Troubleshooting

13. TM-9999-15/1, Electrostatic Discharge (ESD) Awareness

14. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be

exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.12 MAINTAIN AN/UAS-12 SERIES NIGHT SIGHT EQUIPMENT SET

CONDITION(S): Given an AN/UAS-12 Series Night Sight Equipment Set, AN/TAM-5 Amplifier Test Set, AN/TAM-3B Night Sight Test Set, TS-3784/TAS Boresight Collimator Test Set, an oscilloscope, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Installation-specific battery turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. SL-3-08554, Equipment Set, Night Vision Sight, AN/UAS-12

8. TM 08157B-24/1, Night Vision Sight AN/TAS-4

9. TM 08157D-24/2, Night Vision Sights AN/TAS-4C & 4D

10. TM 9-5855-1450-24P, Night Vision Sight AN/UAS-12C

11. TM 9-5855-883-24, Vehicle Power Conditioner

12. TM 9-5855-884-24, Battery Power Conditioner

13. TM 9-5855-885-24, Collimator, Boresight SU-93/TAS

14. TM-9999-15/1, Electrostatic Discharge (ESD) Awareness

15. TM-9999-15/2, Electrostatic Discharge (ESD) Management

16. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. Additional maintenance instructions covered in TM 11-5855-247-24 (OBSOLETE).

3. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.13 MAINTAIN PP-4884 BATTERY CHARGER

CONDITION(S): Given a PP-4884 Battery Charger, AN/TSM-140B TOW Field Test Set, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate PP-4884 Battery Charger.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that waste batteries are safe to handle and disposed of according to the installation’s battery turn-in requirements.

6. Ensure that used rags are handled according to the installation’s used rag turn-in requirements (e.g., collected for recycle).

7. Place waste metal in the scrap metal receptacle.

8. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TM 9-1425-450-24P, Launcher, Tubular Guided Missile

7. TM 9-1425-451-34, TOW 2 Weapon System Checkout and Troubleshooting

8. TM 9-6130-470-12, Battery Charger PP-4884 A/T TOW

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.14 MAINTAIN AN/TSM-140B TOW FIELD TEST SET

CONDITION(S): Given an AN/TSM-140B TOW Field Test Set, TFTS Test Adapter, frequency counter, function generator, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate AN/TSM-140B TOW Field Test Set.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. SL-3-07723, Test Set, Guided Missile System AN/TSM-140B

7. TM 9-1425-451-34, TOW 2 Weapon System Checkout and Troubleshooting

8. TM 9-4935-452-14, Test Set GMS AN/TSM-140A or -140B

9. TM 9-4935-474-14-2-1, TOW 2 Subsystem Test Set

10. TM-9999-15/1, Electrostatic Discharge (ESD) Awareness

11. TM-9999-15/2, Electrostatic Discharge (ESD) Management

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.15 MAINTAIN AN/TSM-152 MISSILE GUIDANCE SET TEST SET

CONDITION(S): Given an AN/TSM-152 Missile Guidance Set Test Set, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate AN/TSM-152 Missile Guidance Set Test Set.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that waste batteries are safe to handle and disposed of according to the installation’s battery turn-in requirements.

6. Ensure that used rags are handled according to the installation’s used rag turn-in requirements (e.g., collected for recycle).

7. Place waste metal in the scrap metal receptacle.

8. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific battery turn-in requirements

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. TM 9-1425-450-34-1, TOW 2 Weapon System M220E4

8. TM 9-4935-450-24P, Shop Equipment, GMS Contact Support Set

9. TM 9-4935-452-24P, Tow Field Test Set, TFTS Test Adapter

10. TM 9-4935-455-14, TOW 2 Heavy Antitank/Assault Weapons Systems

11. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.16 MAINTAIN TS-3784/TAS BORESIGHT COLLIMATOR TEST SET

CONDITION(S): Given a TS-3784/TAS Boresight Collimator Test Set, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate TS-3784/TAS Boresight Collimator Test Set.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TM 9-5855-286-14, Test Set, Boresight Collimator, TS-3784/TAS

7. TM 9-5855-286-24P, Test Set, Boresight Collimator, TS-3784/TAS

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6) Req By (LCpl)

TASK: 2171.02.17 MAINTAIN AN/TAM-5 AMPLIFIER TEST SET

CONDITION(S): Given an AN/TAM-5 Amplifier Test Set, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate AN/TAM-5 Amplifier Test Set.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TM 9-4935-455-14, TOW 2 Heavy Antitank/Assault Weapons Systems

7. TM 9-4935-455-24P, AN/TAM-5 Amplifier Test Set

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.18 MAINTAIN AN/PAQ-3 MODULAR UNIVERSAL LASER EQUIPMENT (MULE)

CONDITION(S): Given AN/PAQ-3 Modular Universal Laser Equipment, Intermediate Maintenance Kit, an oscilloscope, electronic counter, Electro-Optical Tool Kit, laser-safe environment, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific battery turn-in requirements

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. DOD INST 6055.11_, PROTECTION OF DOD PERSONNEL FROM EXPOSURE TO RADIOFREQUENCY RADIATION AND MILITARY EXEMPT LASERS

7. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

8. TM 08579A-12/1, Operator and Organizational Maintenance Instruction for MULE

9. TM 08579A-24P/3A, Modular Universal Laser Equipment

10. TM 08579A-34/2A, AN/PAQ-3 (MULE) & Fault Isolation Test Set

11. TM 08911A-12/1, North Finding Module MX-18204/GSQ

12. TM 08911A-34&P/2, North Finding Module MX-18204/GSQ

13. TM-9999-15/1, Electrostatic Discharge (ESD) Awareness

14. TM-9999-15/2, Electrostatic Discharge (ESD) Management

15. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.19 MAINTAIN AN/GVS-5 LASER INFRARED OBSERVATION SET

CONDITION(S): Given an AN/GVS-5 Laser Infrared Observation Set, TS-3620/GVS-5 Test Set, an oscilloscope, Electro-Optical Tool Kit, laser-safe environment, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific battery turn-in requirements

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. DOD INST 6055.11_, PROTECTION OF DOD PERSONNEL FROM EXPOSURE TO RADIOFREQUENCY RADIATION AND MILITARY EXEMPT LASERS

7. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

8. TM 11-5860-201-20, Laser Infrared Observation Set AN/GVS-5

9. TM 11-5860-201-30, Laser Infrared Observation Set AN/GVS-5

10. TM 11-5860-201-30P, Laser Infrared Observation Set AN/GVS-5

11. TM-9999-15/1, Electrostatic Discharge (ESD) Awareness

12. TM-9999-15/2, Electrostatic Discharge (ESD) Management

13. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.20 MAINTAIN MODULAR UNIVERSAL LASER EQUIPMENT (MULE) INTERMEDIATE MAINTENANCE KIT

CONDITION(S): Given a MULE Intermediate Maintenance Kit, AN/PAQ-3 MULE, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate Intermediate Maintenance Kit.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. DOD INST 6055.11_, PROTECTION OF DOD PERSONNEL FROM EXPOSURE TO RADIOFREQUENCY RADIATION AND MILITARY EXEMPT LASERS

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. SL-3-08892A, Test Equipment Intermediate Maintenance Kit

8. TM 08579A-34/2A, AN/PAQ-3 (MULE) & Fault Isolation Test Set

9. TM 08579A-34P/4A, Intermediate Maintenance Kit, Modular Universal Laser Equipment (MULE)

10. TM-9999-15/1, Electrostatic Discharge (ESD) Awareness

11. TM-9999-15/2, Electrostatic Discharge (ESD) Management

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the

hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.21 MAINTAIN PASSIVE NIGHT VISION EQUIPMENT

CONDITION(S): Given Passive Night Vision Equipment, TS-4348/UV, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific battery turn-in requirements

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. TM 09500A-23&P/2, Night Vision Goggles AN/PVS-7B

8. TM 10271A-23&P/2, Monocular, Night Vision Device, AN/PVS-14

9. TM 11-5855-213-23P, Night Vision Sight AN/PVS-4

10. TM 11-5855-214-23&P, Night Vision Sight, Crew Serv AN/TVS-5

11. TM 11-5855-238-23&P, Night Vision Goggles AN/PVS-5

12. TM 11-5855-249-10, Viewer, Drivers Night Vision, AN/VVS-2

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13. TM 11-5855-249-20, Viewer, Drivers Night Vision AN/VVS-2V1

14. TM 8F419B-35&P, M36E3 Periscope For UGWS

15. TM 9-1240-314-35P, Periscope, Tank: M36

16. TM-9999-15/1, Electrostatic Discharge (ESD) Awareness

17. TM-9999-15/2, Electrostatic Discharge (ESD) Management

18. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.22 MAINTAIN M1 SERIES GUNNERS QUADRANT

CONDITION(S): Given an M1 Series Gunners Quadrant, cross-leveling fixture, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that radioactive materials are handled according to installation turn-in requirements and in accordance with applicable publications.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO 5104.3_, MARINE CORPS RADIATION SAFETY PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. TI-5104-15/2, Special Handling Considerations Tritium Fire Control

8. TM 02193C-14&P, Quadrant M1A1 & M1A2

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.23 MAINTAIN M49 OBSERVATION TELESCOPE

CONDITION(S): Given an M49 Observation Telescope, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

5. Place waste metal in the scrap metal receptacle.

6. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. RS-00591A-50/1, Telescope, Observation M49 w/Equipment

7. TM 9-6650-212-12, Telescope Observation M49 w/Equipment

8. TM 9-6650-212-34P, Telescope Observation M49

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.24 MAINTAIN M2A2 AIMING CIRCLE

CONDITION(S): Given an M2A2 Aiming Circle, Electro-Optical Tool Kit, azimuth test fixture, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Installation-specific battery turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. SL-3-00476C, Aiming Circle, M2A2 w/Equipment

8. TM 00476C-24&P, M2A2 Aiming Circle

9. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.25 MAINTAIN BINOCULARS

CONDITION(S): Given binoculars, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

5. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TM 9-1240-403-12&P, Operator's & Organization Maintenance Manual, Binocular M22

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.26 MAINTAIN M3 BORESCOPE

CONDITION(S): Given an M3 Borescope, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

5. Place waste metal in the scrap metal receptacle.

6. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. SL-3-08552A, Borescope, M3 w/Equipment

7. TM 08552A-13&P, Maintenance Manual for Borescope M3

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the

hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.27 MAINTAIN M1A1 INFINITY AIMING REFERENCE COLLIMATOR

CONDITION(S): Given an M1A1 Infinity Aiming Reference Collimator, telescope test fixture, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Ensure that radioactive materials are handled according to installation's turn-in requirements and in accordance with applicable publications.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TI-5104-15/2, Special Handling Considerations Tritium Fire Control

7. TM 04914B-34&P, M1A1 Collimator, Infinity Aiming

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorize echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.28 MAINTAIN M64A1 SIGHT UNIT

CONDITION(S): Given an M64A1 Sight Unit, cross-leveling test fixture, azimuth test fixture, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that radioactive materials are handled according to installation's turn-in requirements and in accordance with applicable publications.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TI-5104-15/2, Special Handling Considerations Tritium Fire Control

7. TM 1240-34&P, Telescope Mount, M64

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.29 MAINTAIN M65 BATTERY COMMANDERS PERISCOPE

CONDITION(S): Given an M65 Battery Commanders Periscope, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

5. Place waste metal in the scrap metal receptacle.

6. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TM 9-1240-368-34, Periscope, Battery Commander's M65 w/Equipment

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.30 MAINTAIN SHOULDER-LAUNCHED MULTIPURPOSE ASSAULT WEAPON (SMAW) TRIGGER ASSEMBLY

CONDITION(S): Given a SMAW Trigger Assembly, millijoule meter, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

5. Place waste metal in the scrap metal receptacle.

6. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TM 08673A-25&P/2A, Launcher, Assault Rocket 83mm (SMAW)

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.31 MAINTAIN M198 HOWITZER FIRE CONTROL SYSTEM

CONDITION(S): Given an M198 Howitzer Fire Control System, cross-leveling fixture, azimuth test fixture, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that radioactive materials are handled according to installation's turn-in requirements and in accordance with applicable publications.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TI-5104-15/2, Special Handling Considerations Tritium Fire Control

7. TM 9-1025-211-20&P, Howitzer Med Towed 155mm M198

8. TM 9-1025-211-34, Howitzer Med Towed 155mm M198

9. TM 9-1240-375-34, Quadrant Fire Control M17/M18/M171/M172

10. TM 9-1240-375-34P, Quadrant Fire Control M17/M18 Telescope M171-72-37-38

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.32 MAINTAIN M1A1 TANK FIRE CONTROL SYSTEM

CONDITION(S): Given an M1A1 Tank Fire Control System, Direct Support Electronic System Test Set, an oscilloscope, power supply, breakout box, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that radioactive materials are handled according to installation's turn-in requirements and in accordance with applicable publications.

5. Ensure that waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

6. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

7. Place waste metal in the scrap metal receptacle.

8. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Installation-specific battery turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. TI-5104-15/2, Special Handling Considerations Tritium Fire Control

8. TM 08953A-24/4-2, Tank, Combat, M1A1 (Turret)

9. TM 08953A-34/7-1, M1A1 Tank Fire Control

10. TM 08953A-34P/8, M1A1 Tank Sighting & Fire Control

11. TM 10262A-14&P/1, GPIA-LAV Electronic System Test Set

12. TM 10262A-14/2, GPIA-LAV Electronic System Test Set

13. TM 9-254, General Maintenance Procedures for Fire Control Materials

14. TM 9-258, Application-Fire Control Instruments

15. TM 9-4931-586-12-1&P, Test Set Electronic, AN/USM 615

16. TM 9-4931-586-12-2&P, Test Set Electronic, AN/USM 615

17. TM 9-4931-586-12-4&P, Test Set Electronic, AN/USM 615

18. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.33 MAINTAIN DIRECT SUPPORT ELECTRONIC SYSTEM TEST SET

CONDITION(S): Given a Direct Support Electronic System Test Set, an oscilloscope, power supply, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

5. Place waste metal in the scrap metal receptacle.

6. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TM 10262A-14&P/1, GPIA-LAV Electronic System Test Set

7. TM 9-4931-586-12-1&P, Test Set Electronic, AN/USM 615

8. TM 9-4931-586-12-2&P, Test Set Electronic, AN/USM 615

9. TM 9-4931-586-12-4&P, Test Set Electronic, AN/USM 615

10. TM 9-4931-586-30&P, Test Set Electronic, AN/USM 615

Appendix A to
ENCLOSURE (6)

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6) Req By (LCpl)

TASK: 2171.02.34 MAINTAIN LIGHT ARMORED VEHICLE (LAV) SERIES FIRE CONTROL SYSTEM

CONDITION(S): Given an LAV series fire control system, AN/TSM-140B TFTS, M3 Borescope, M1 Series Gunner's Quadrant, M2A2 Aiming Circle, M1A1 Infinity Reference Aiming Collimator, AN/TAM-3B Night Sight Test Set, AN/TAM-5 Amplifier Test Set, PP-4884 TOW Battery Charger, TS-3784/TAS Boresight Collimator Test Set, AN/TSM-152 MGS Test Set, Direct Support Electronic System Test Set (GPIA-LAV), Storage Oscilloscope, Power Supply, Electro-Optical Tool Kit, LAV 3rd and 4th Echelon Special Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

5. Place waste metal in the scrap metal receptacle.

6. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. SL-4-8H161B, Light Armored Vehicle (LAV) Thermal Sight System

7. TM 08594A-20/3A, Light Armored Vehicle(LAV)-25 Turret

8. TM 08594A-34/8, Light Armored Vehicle(LAV)-25 Turret

9. TM 08652A-34/5, Intermediate Maintenance, Light Armored Vehicle (LAV) AT Turret

10. TM 10262A-14&P/1, GPIA-LAV Electronic System Test Set

11. TM 10262A-14/2, GPIA-LAV Electronic System Test Set

12. TM 8H161B-20, Light Armored Vehicle (LAV) Thermal Sight System

13. TM 8H161B-34, Light Armored Vehicle (LAV) Thermal Sight System

14. TM 9-4931-586-12-1&P, Test Set Electronic, AN/USM 615

15. TM 9-4931-586-12-2&P, Test Set Electronic, AN/USM 615

16. TM 9-4931-586-12-4&P, Test Set Electronic, AN/USM 615

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6) Req By (LCpl)

TASK: 2171.02.35 MAINTAIN ASSAULT AMPHIBIOUS VEHICLE (AAV) SERIES FIRE CONTROL SYSTEM

CONDITION(S): Given an AAV Series Fire Control System, boresight filter, sight synchronization fixture, target, boresight kit, purge kit, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

5. Place waste metal in the scrap metal receptacle.

6. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TM 10004A-25&P2, AAV Upgunned Weapon Station

7. TM 8F419B-35&P, M36E3 Periscope For UGWS

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.36 MAINTAIN AN/VLQ-6 MISSILE COUNTERMEASURE DEVICE

CONDITION(S): Given an AN/VLQ-6 Missile Countermeasure System, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform limited technical inspection.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TM 09842A-12/1, Countermeasure Set, AN/VLQ-6

7. TM 09842A-34/2, Countermeasure Set, AN/VLQ-6

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.37 MAINTAIN TS-3620/GVS-5 TEST SET

CONDITION(S): Given a TS-3620/GVS-5 Test Set, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate TS-3620/GVS-5 Test Set.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. TM 11-6625-2684-12, Test Set, Laser Infrared Observation Device

7. TM 11-6625-2684-20P, Test Set, Laser Infrared Observation Device

8. TM 11-6625-2684-30, Test Set, Laser Infrared Observation Device

9. TM 11-6625-2684-30P, Laser Infrared Observation Device TS-3620/GVS-5

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.38 MAINTAIN TS-4348/UVC ELECTRONIC SYSTEMS TEST SET

CONDITION(S): Given a TS-4348/UVC Electronic Systems Test Set, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate TS-4348/UVC Electronic Systems Test Set.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

6. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific battery turn-in requirements

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. TM 11-5855-299-12&P, Test Set, Electronic System, TS-4348/UV

8. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.39 MAINTAIN CROSS-LEVELING FIXTURE

CONDITION(S): Given a Cross-Leveling Fixture, M1 Series Gunner's Quadrant, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate Cross-Leveling Fixture.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Applicable equipment technical manuals

2. SL-3-02220A, Fixture, Cross Leveling and Elevation

3. TM 9-254, General Maintenance Procedures for Fire Control Materials

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.40 MAINTAIN AZIMUTH TEST FIXTURE

CONDITION(S): Given an Azimuth Test Fixture, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate Azimuth Test Fixture.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Applicable equipment technical manuals

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. SL-3-02194A, Fixture, Azimuth Testing w/Equipment

8. TM 9-254, General Maintenance Procedures for Fire Control Materials

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.41 MAINTAIN STRAIGHT TUBE TELESCOPE FIXTURE

CONDITION(S): Given a Straight Tube Telescope Fixture, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate Straight Tube Telescope Fixture.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Applicable equipment technical manuals

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. TM 9-254, General Maintenance Procedures for Fire Control Materials

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (LCpl)

TASK: 2171.02.42 MAINTAIN PP-8333/U BATTERY ANALYZER-CHARGER (CRISTIE)

CONDITION(S): Given a PP-8333/U Battery Analyzer-Charger, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Operate PP-8333/U Battery Charger.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

6. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific battery turn-in requirements

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. TM 09591A-12/1, CASP/2000H(M) Cristie Electronics

8. TM 09591A-34/2, CASP/2000H(M) Cristie Electronics

9. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.43 MAINTAIN THERMAL SIGHTS

CONDITION(S): Given a thermal sight, AN/TAM 3-B, an oscilloscope, DSESTS, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Ensure waste batteries are safe to handle and disposed of according to the installation's battery turn-in requirements.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific battery turn-in requirements

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. TM 09688A-24&P, Receiver Infrared, AN/PAS-18

8. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6)
Req By (LCpl)

TASK: 2171.02.44 MAINTAIN ELECTRO-OPTICAL EQUIPMENT MAINTENANCE SHELTER

CONDITION(S): Given an Electro-Optical Equipment Maintenance Shelter, Electro-Optical Tool Kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the references.

PERFORMANCE STEPS:

1. Set up maintenance shelter.

2. Perform preventive maintenance.

3. Identify discrepancies/unserviceable parts or components.

4. Perform required corrective maintenance.

5. Ensure that used rags are handled according to the installation's used rag turn-in requirements (e.g., collected for recycle).

6. Place waste metal in the scrap metal receptacle.

7. Complete applicable maintenance and/or administrative forms and records.

REFERENCE(S):

1. Installation-specific used rag turn-in requirements

2. Material safety data sheets for hazardous materials

3. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

4. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

6. SL-3-08193, Dragon Maintenance Shelter

7. SL-3-08194, TOW Weapons System Maintenance Shelter

8. SL-3-08485, Night Sight Maintenance Facility/TAM-6(V)-3

9. SL-3-09129A, ShopSet, Equipment, Electro-Optics Field Maintenance 3rd and 4th Echelon

10. SL-4-08193A/08194A, Dragon/TOW Weapons Systems Maintenance Shelter

11. TM 9-4935-454-24P, Night Sight Maintenance Facility, AN/TAM-6

12. TM 9-4935-472-14-1, Improved Contact Support Set and Night Sight Maintenance Facility

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets

to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (6) Req By (LCpl)

TASK: 2171.02.45 MAINTAIN THE M21 REMOTE SENSING CHEMICAL AGENT AUTOMATIC ALARM

CONDITION(S): Given an M21 Remote Sensing Chemical Automatic Alarm, an electro-optical maintenance shelter, a multimeter, an oscilloscope, power supply, purging kit, an electro-optical tool kit, and the references.

STANDARD(S): To validate equipment serviceability and completion of maintenance inspections and procedures per the reference.

PERFORMANCE STEPS:

1. Perform preventive maintenance.

2. Identify discrepancies/unserviceable parts or components.

3. Perform required corrective maintenance.

4. Place waste metal in the scrap metal receptacle.

REFERENCE(S):

1. Material safety data sheets for hazardous materials

2. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

3. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

4. DOD INST 6055.11_, PROTECTION OF DOD PERSONNEL FROM EXPOSURE TO RADIOFREQUENCY RADIATION AND MILITARY EXEMPT LASERS

5. MCO 5104.1_, MARINE CORPS LASER HAZARD CONTROL PROGRAM

6. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

7. TM 09870A-10/1, Operation Instructions for the Remote Sensing Chemical Agent Automatic Alarm Model M21

8. TM 09870A-23&P/2, Maintenance Instructions for the Remote Sensing Chemical Agent Automatic Alarm Model M21

ADMINISTRATIVE INSTRUCTIONS:

1. Maintenance and/or repairs limited to authorized echelon of maintenance.

2. To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (LCpl)

DUTY AREA 03 - ADMINISTRATIVE FUNCTIONS

TASK: 2171.03.01 SUPERVISE ELECTRO-OPTICAL MAINTENANCE ADMINISTRATION

CONDITION(S): Given maintenance requirements and the reference.

STANDARD(S): To ensure optimum mission support and use of resources per the reference.

PERFORMANCE STEPS:

1. Provide input to unit Maintenance Management Standing Operating Procedures (MMSOP).

2. Conduct internal inspections program.

3. Plan, organize, and coordinate use of maintenance resources.

REFERENCE(S):

1. MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL

2. TM 4700-15/1, Ground Equipment Record Procedures Manual

3. UM 4790-5, MIMMS AIS Field Maintenance Procedures

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

CURRENT MCI(S):

1. MCI 04.14, Ground Maintenance Management Procedures for Supervisors

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TASK: 2171.03.02 ADMINISTER ELECTRO-OPTICAL ORDNANCE TRAINING PROGRAM

CONDITION(S): Given a unit annual training plan and the references.

STANDARD(S): To provide appropriate training progression for subordinates per the references.

PERFORMANCE STEPS:

1. Identify individual training requirements.

2. Identify unit training requirements.

3. Develop training program policies and procedures.

4. Plan electro-optical equipment operator and maintenance training program.

5. Conduct MOS training.

6. Ensure that the training program is conducted in accordance with Federal, state, and local environmental regulations.

REFERENCE(S):

1. Installation-specific battery turn-in requirements

2. Installation-specific used rag turn-in requirements

3. Material safety data sheets for hazardous materials

4. Unit Table of Equipment (T/E)

5. Unit Table of Organization (T/O)

6. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

7. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

8. DOD INST 6055.11_, PROTECTION OF DOD PERSONNEL FROM EXPOSURE TO RADIOFREQUENCY RADIATION AND MILITARY EXEMPT LASERS

9. MCO 1510.34_, INDIVIDUAL TRAINING STANDARDS SYSTEM (ITSS)

10. MCO 3501.7_, MARINE CORPS COMBAT READINESS EVALUATION SYSTEM (MCCRES); VOLUME VI COMBAT SERVICE SUPPORT UNITS

11. MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL

12. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

13. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS: To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

TASK: 2171.03.03 MANAGE ELECTRO-OPTICAL EQUIPMENT RECORDS AND FORMS

CONDITION(S): Given stocks of equipment repair records and forms, storage space, and the references.

STANDARD(S): To provide/sustain documentation of work performed per the references.

PERFORMANCE STEPS:

1. Identify electro-optical equipment records requirements.

2. Identify maintenance records requirements.

3. Identify calibration control requirements.

4. Determine deficiencies.

5. Take corrective actions required.

6. Manage electro-optical equipment records.

7. Manage maintenance records.

8. Manage calibration control records.

9. Ensure discarded records and forms are properly disposed of/recycled.

REFERENCE(S):

1. Applicable stock lists
2. MCO 5210.11_, USMC RECORDS MANAGEMENT PROGRAM
3. MCO 5213.7_, USMC FORMS MANAGEMENT PROGRAM
4. MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL
5. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL
6. SECNAVINST 5212.5_, NAVY AND MARINE CORPS RECORDS DISPOSITION MANUAL
7. TM 4700-15/1, Ground Equipment Record Procedures Manual
8. UM 4790-5, MIMMS AIS Field Maintenance Procedures

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

TASK: 2171.03.04 MANAGE ELECTRO-OPTICAL PUBLICATIONS LIBRARY

CONDITION(S): Given Marine Corps directives, technical publications, field manuals, and the references.

STANDARD(S): To provide current and complete references to support administrative, maintenance and repair, and supply requirements per the references.

PERFORMANCE STEPS:

1. Validate requirements based on mission and T/E.
2. Evaluate publications on hand.
3. Evaluate control procedures.
4. Evaluate NAVMC 10772 procedures.
5. Determine deficiencies.
6. Take corrective actions required.

REFERENCE(S):

1. Applicable stock lists
2. Unit Table of Equipment (T/E)
3. Unit Table of Organization (T/O)
4. MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL
5. MCO P5215.17_, USMC TECHNICAL PUBLICATIONS SYSTEM
6. MCO P5600.31_, MARINE CORPS PUBLICATIONS AND PRINTING REGULATIONS
7. NAVMC 2761, CATALOG OF PUBLICATIONS

8. UM-PLMS, Publication Library Management System

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

TASK: 2171.03.05 COORDINATE ELECTRO-OPTICAL EQUIPMENT AVAILABILITY

CONDITION(S): Given maintenance requirements, electro-optical equipment, and the references.

STANDARD(S): To comply with maintenance cycles and priority designators, and provide optimum access to resources per the references.

PERFORMANCE STEPS:

1. Identify shortages and surpluses.

2. Review equipment readiness status reports.

3. Review priority designator assignment.

4. Review maximum maintenance cycle time.

5. Develop plan to increase/sustain equipment availability.

REFERENCE(S):

1. Unit Table of Equipment (T/E)

2. Unit Table of Organization (T/O)

3. MCBUL 3000, TABLE OF MARES LOGISTICS REPORTABLE EQUIPMENT

4. MCO 3000.11_, MARINE CORPS GROUND EQUIPMENT RESOURCE REPORTING (MCGERR)

5. MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

TASK: 2171.03.06 COORDINATE ELECTRO-OPTICAL SUPPLY SUPPORT PROGRAM

CONDITION(S): Given MIMMS-AIS reports, applicable equipment-related publications, and the references.

STANDARD(S): To support all mission requirements per the references.

PERFORMANCE STEPS:

1. Coordinate repair parts support requirements with unit supply officer.

2. Submit input for field budget requirements.

3. Manage allocated funds.

4. Determine maintenance float and operational float requirements.

5. Manage shop or section Pre-Expend Bin and Equipment Repair Order (ERO) layette procedures.

6. Manage shop or section validation and reconciliation procedures.

REFERENCE(S):

1. Unit Table of Equipment (T/E)

2. MCO P4400.150_, CONSUMER LEVEL SUPPLY POLICY MANUAL

3. MCO P4400.82_, MUMMS CONTROLLED ITEMS MANAGEMENT MANUAL

4. MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL

5. MCO P7100.8_, FIELD BUDGET GUIDANCE MANUAL

6. TM 4700-15/1, Ground Equipment Record Procedures Manual

7. UM 4400-124, FMF SASSY Using Unit Procedures

8. UM 4790-5, MIMMS AIS Field Maintenance Procedures

9. UM-4400-15, Organic Property Control Procedures

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

TASK: 2171.03.07 MANAGE ELECTRO-OPTICAL SUPPORT AND TEST EQUIPMENT

CONDITION(S): Given electro-optical support and test equipment, and the references.

STANDARD(S): To provide comprehensive and reliable facilities for maintenance and repair per the references.

PERFORMANCE STEPS:

1. Determine support and test equipment assets and requirements.

2. Determine deficiencies.

3. Take corrective actions required.

4. Manage tool sets, chests, and kits.

5. Manage collateral equipment.

REFERENCE(S):

1. Unit Table of Equipment (T/E)

2. Unit Table of Organization (T/O)

3. MC (ML), (Microfiche)

4. MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL

5. TM 4700-15/1, Ground Equipment Record Procedures Manual

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

CURRENT MCI(S):

1. MCI 28.7, Introduction to Test Equipment

TASK: 2171.03.08 ADMINISTER ELECTRO-OPTICAL PREVENTIVE MAINTENANCE (PM) PROGRAM

CONDITION(S): Given maintenance requirements, electro-optical support and test equipment, and the references.

STANDARD(S): To ensure preventive maintenance is scheduled and completed per the references.

PERFORMANCE STEPS:

1. Determine equipment PM requirements.

2. Develop PM schedule.

3. Ensure that the PM program is conducted in accordance with Federal, state, and local environmental regulations.

REFERENCE(S):

1. Applicable equipment technical manuals

2. Installation-specific battery turn-in requirements

3. Installation-specific used rag turn-in requirements

4. Material safety data sheets for hazardous materials

5. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

6. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

7. DOD INST 6055.11_, PROTECTION OF DOD PERSONNEL FROM EXPOSURE TO RADIOFREQUENCY RADIATION AND MILITARY EXEMPT LASERS

8. MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL

9. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

10. TM 4700-15/1, Ground Equipment Record Procedures Manual

11. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS: To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

TASK: 2171.03.09 ADMINISTER ELECTRO-OPTICAL CORRECTIVE MAINTENANCE (CM) PROGRAM

CONDITION(S): Given maintenance requirements, MIMMS-AIS reports, electro-optical equipment, and the references.

STANDARD(S): To ensure corrective maintenance needs are identified, scheduled, and completed per the references.

PERFORMANCE STEPS:

1. Determine CM requirements.

2. Manage production control priorities.

3. Conduct electro-optical equipment CM program.

4. Ensure the CM program is conducted in accordance with Federal, state, and local environmental regulations.

REFERENCE(S):

1. Applicable equipment technical manuals

2. Installation-specific battery turn-in requirements

3. Installation-specific used rag turn-in requirements

4. Material safety data sheets for hazardous materials

5. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

6. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

7. DOD INST 6055.11_, PROTECTION OF DOD PERSONNEL FROM EXPOSURE TO RADIOFREQUENCY RADIATION AND MILITARY EXEMPT LASERS

8. MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL

9. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

10. TM 4700-15/1, Ground Equipment Record Procedures Manual

11. U.S. ARMY TB 43-0134, Battery Disposition and Disposal

ADMINISTRATIVE INSTRUCTIONS: To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

TASK: 2171.03.10 MANAGE ELECTRO-OPTICAL MIMMS-AIS FUNCTIONS

CONDITION(S): Given MIMMS-AIS reports and the references.

STANDARD(S): To provide accurate maintenance listings and reports per the references.

PERFORMANCE STEPS:

1. Manage daily process reports.
2. Manage daily transaction listing.
3. Manage daily SASSY transactions.
4. Manage daily LM2 report.
5. Manage weekly TAM report.
6. Manage weekly maintenance exceptions report.
7. Manage weekly material report.
8. Manage weekly LM2 report.
9. Manage weekly shop summary report.
10. Manage Class II reports if required.

REFERENCE(S):

1. MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL
2. TM 4700-15/1, Ground Equipment Record Procedures Manual
3. UM 4790-5, MIMMS AIS Field Maintenance Procedures

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

CURRENT MCI(S):

1. MCI 04.10, MIMMS-AIS (Maintenance Automated Information System)

TASK: 2171.03.11 ADMINISTER ELECTRO-OPTICAL MAINTENANCE-RELATED PROGRAMS

CONDITION(S): Given electro-optical equipment and the references.

STANDARD(S): To ensure associated program information and records are maintained per the references.

PERFORMANCE STEPS:

1. Determine requirements for maintenance-related programs.
2. Manage modification control program.
3. Manage calibration control program.
4. Manage new equipment warranty program.
5. Manage replacement and evacuation (R&E) program.
6. Manage repair and return (R&R) program.
7. Manage product quality deficiency program (PQDR).

8. Manage recoverable items program (WIR).

9. Manage quality control program.

REFERENCE(S):

1. Applicable electro-optical equipment Material Fielding Plans (MFPs)

2. Applicable equipment technical manuals

3. Applicable stock lists

4. MI Standards File (Microfiche)

5. Unit Table of Equipment (T/E)

6. MCO 4105.2_, MARINE CORPS WARRANTY PROGRAM

7. MCO 4733.1_, MARINE CORPS TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT (TMDE) CALIBRATION AND MAINTENANCE PROGRAM (CAMP)

8. MCO 4855.10_, PRODUCT QUALITY DEFICIENCY REPORT (PQDR)

9. MCO P4400.82_, MUMMS CONTROLLED ITEMS MANAGEMENT MANUAL

10. MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL

11. TI-4710-14/1, Recovery and Evacuation Criteria, USMC

12. TI-4733-15/1, Calibration Requirements USMC TMDE CAMP

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

CURRENT MCI(S):

1. MCI 04.14, Ground Maintenance Management Procedures for Supervisors

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TASK: 2171.03.12 PREPARE ELECTRO-OPTICAL EQUIPMENT FOR EMBARKATION

CONDITION(S): Given electro-optical T/E equipment; a transportation request, mobilization order, or operations plan; and the reference.

STANDARD(S): To ensure equipment arrives at destination without loss or damage per the reference.

PERFORMANCE STEPS:

1. Inventory T/E equipment to be transported.

2. Coordinate requirements with embark personnel.

3. Package/prepare equipment for transport as applicable.

4. Maintain equipment embarkation records.

REFERENCE(S):

1. Applicable equipment technical manuals

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

CURRENT MCI(S):

1. MCI 04.5, The Logistics/Embarkation Specialist

TASK: 2171.03.13 MANAGE ELECTRO-OPTICAL ORDNANCE REPAIR AREA

CONDITION(S): Given an order specifying location to be used, list of Table of Equipment (T/E), list of Material Handling Equipment (MHE), roster of repair section personnel, and the reference.

STANDARD(S): To establish and maintain separate areas for work, storage, supply, and hazardous materials per the reference.

PERFORMANCE STEPS:

1. Designate shipping and receiving area(s).

2. Designate work area.

3. Designate location of shop office.

4. Designate location of technical library.

5. Designate location of tool storage area.

6. Designate locations of repair jobs, layettes, pre-expend bin, and storage areas for equipment and parts.

REFERENCE(S):

1. MCO P4790.2_, MIMMS FIELD PROCEDURES MANUAL

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

TASK: 2171.03.14 ADMINISTER SECURITY REGULATIONS

CONDITION(S): Given a designated area, controlled/classified equipment or materials for storage, and the references.

STANDARD(S): To ensure classified or controlled materials or equipment are properly secured per the references.

PERFORMANCE STEPS:

1. Maintain physical security of classified information, publications, or records.

2. Maintain physical security of arms, weapons systems, and security assets.

REFERENCE(S):

1. Unit Maintenance Management Standing Operating Procedures (MMSOP)

2. MCO 4340.1_, REPORTING MISSING, LOST, STOLEN, OR RECOVERED (MLSR) GOVERNMENT PROPERTY

3. MCO 5500.6_, ARMING OF SECURITY AND LAW ENFORCEMENT (LE) PERSONNEL AND THE USE OF FORCE

4. OPNAVINST 5530.13_, PHYSICAL SECURITY OF AA&E

5. OPNAVINST 5530.14_, PHYSICAL SECURITY AND LOSS PREVENTION

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

TASK: 2171.03.15 ADMINISTER ELECTRO-OPTICAL SAFETY PROGRAM

CONDITION(S): Given the references.

STANDARD(S): To ensure a safe maintenance environment through routine training and inspections in accordance with the references.

PERFORMANCE STEPS:

1. Identify safety requirements.

2. Inspect maintenance facility for safety-related problems.

3. Publish safety requirements checklist.

4. Assign Safety Noncommissioned Officer (NCO).

5. Conduct safety training.

6. Conduct document training.

7. Conduct periodic inspections to ensure compliance with directives.

REFERENCE(S):

1. Material safety data sheets for hazardous materials

2. Unit Maintenance Management Standing Operating Procedures (MMSOP)

3. Unit Safety Standing Operating Procedures (SOP)

4. 29 CFR 1910.1200, Occupational Safety and Health Standards, Hazard Communication

5. DOD INST 6050.5_, DOD HAZARD COMMUNICATION PROGRAM

6. DOD INST 6055.11_, PROTECTION OF DOD PERSONNEL FROM EXPOSURE TO RADIOFREQUENCY RADIATION AND MILITARY EXEMPT LASERS

7. DOD INST 6055.8_, OCCUPATIONAL RADIATION PROTECTION PROGRAM

8. MCO 5100.29_, MARINE CORPS SAFETY PROGRAM

9. MCO 5100.8_, MARINE CORPS GROUND OCCUPATIONAL SAFETY AND HEALTH (OSH) PROGRAM

10. MCO 5104.2_, MARINE CORPS RADIOFREQUENCY ELECTROMAGNETIC FIELD PERSONNEL PROTECTION PROGRAM

11. MCO 5104.3_, MARINE CORPS RADIATION SAFETY PROGRAM

12. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

13. MCO P5102.1_, MARINE CORPS GROUND MISHAP REPORTING

14. OPNAVINST 5100.19_, VOLUME III, OCCUPATIONAL SAFETY AND HEALTH

15. OPNAVINST 5100.23_, NAVY OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) MANUAL

ADMINISTRATIVE INSTRUCTIONS: To comply with 29 CFR 1910.1200 (Hazard Communication), employees who may be exposed to a hazardous material must (1) have been provided information and training prior to their initial assignment to work with the hazardous chemical and whenever the hazard changes; and (2) have access to label information and material safety data sheets to understand the hazard(s), and to identify the necessary personal protective equipment and special precautions to use while working with the chemical.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

TASK: 2171.03.16 ADMINISTER LASER SAFETY REGULATIONS

CONDITION(S): Given the references.

STANDARD(S): To ensure a laser-safe environment and safety of maintenance personnel per the references.

PERFORMANCE STEPS:

1. Review/maintain references.

2. Follow laser safety procedures.

3. Conduct personnel safety training as required.

4. Conduct periodic inspections to ensure compliance with regulations.

REFERENCE(S):

1. DOD INST 6055.11_, PROTECTION OF DOD PERSONNEL FROM EXPOSURE TO RADIOFREQUENCY RADIATION AND MILITARY EXEMPT LASERS

2. MCO 5104.3_, MARINE CORPS RADIATION SAFETY PROGRAM

3. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL

4. TB MED 524, Control of Hazards to Health from Laser Radiation

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

TASK: 2171.03.17 ADMINISTER RADIATION SAFETY REGULATIONS

CONDITION(S): Given the references.

STANDARD(S): To ensure proper handling and disposal of radiation materials and safety of maintenance personnel per the references.

PERFORMANCE STEPS:

1. Review/maintain references.
2. Follow radiation safety procedures.
3. Comply with handling, storage, and shipment regulations.
4. Conduct personnel safety training as required.
5. Conduct periodic inspections to ensure compliance with regulations.

REFERENCE(S):

1. DOD INST 6055.8_, OCCUPATIONAL RADIATION PROTECTION PROGRAM
2. MCO 5104.2_, MARINE CORPS RADIOFREQUENCY ELECTROMAGNETIC FIELD PERSONNEL PROTECTION PROGRAM
3. MCO 5104.3_, MARINE CORPS RADIATION SAFETY PROGRAM
4. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL
5. TI-5104-15/1A, Procedural Publications Index USMC RASP
6. TI-5104-15/2, Special Handling Considerations Tritium Fire Control

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)

TASK: 2171.03.18 ADMINISTER HAZARDOUS MATERIAL/WASTE REGULATIONS

CONDITION(S): Given the references.

STANDARD(S): To ensure proper handling and disposal of hazardous materials/ waste and safety of maintenance personnel per the references.

PERFORMANCE STEPS:

1. Review/maintain references.
2. Follow hazardous materials handling and disposal procedures.
3. Maintain handling and disposal records.
4. Conduct personnel safety training as required.
5. Conduct periodic inspections to ensure compliance with regulations.

REFERENCE(S):

1. MCO P5090.2_, ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL
2. TM 9-254, General Maintenance Procedures for Fire Control Materials

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (6) Req By (SSgt)